

Product Datasheet

Respiratory Syncytial Virus Nucleoprotein Antibody (HL1246) - Azide and BSA Free NBP3-25626

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-25626**Respiratory Syncytial Virus Nucleoprotein Antibody (HL1246) - Azide and BSA Free**

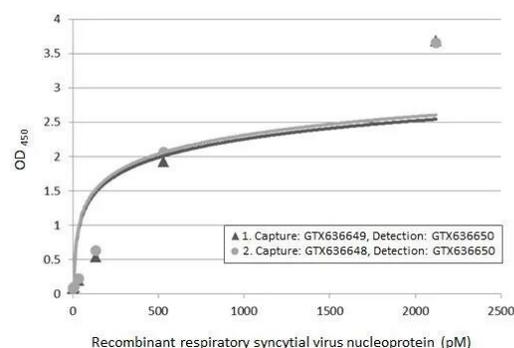
| Product Information | |
|----------------------------|--|
| Unit Size | 100 ul |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | HL1246 |
| Preservative | No Preservative |
| Isotype | IgG |
| Purity | Protein A purified |
| Buffer | PBS |

| Product Description | |
|----------------------------|---|
| Host | Rabbit |
| Species | Virus |
| Reactivity Notes | Respiratory Syncytial Virus |
| Immunogen | Recombinant protein encompassing a sequence within the C-terminus region of Respiratory Syncytial Virus Nucleoprotein. The exact sequence is proprietary. |

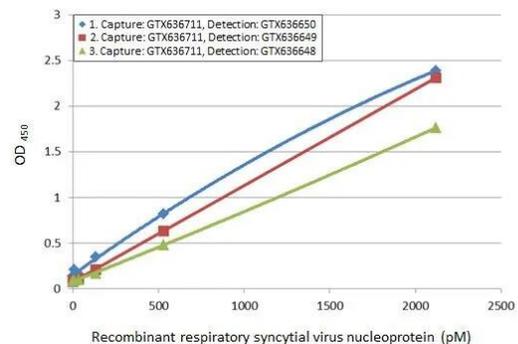
| Product Application Details | |
|------------------------------------|--|
| Applications | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Sandwich ELISA, Lateral Flow Assay |
| Recommended Dilutions | Western Blot 1:1000-1:10000, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Sandwich ELISA, Lateral Flow Assay |

Images

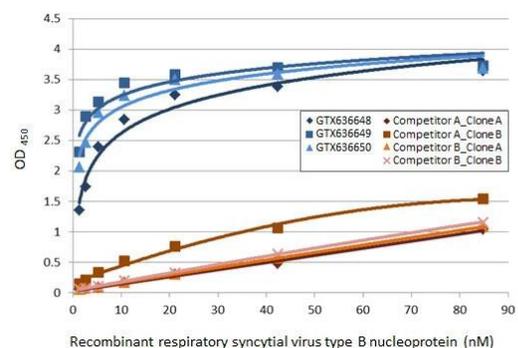
ELISA: Respiratory Syncytial Virus Nucleoprotein Antibody (HL1246) - Azide and BSA Free [NBP3-25626] - Sandwich ELISA detection of recombinant HEK293 expressed, full-length respiratory syncytial virus type A nucleoprotein, DDDDK tag using ELISA pairs below. Pair 1: Capture: Respiratory Syncytial virus Nucleoprotein antibody [HL1247] (NBP3-25627) (5 ug/mL) Detection: Respiratory Syncytial virus Nucleoprotein antibody [HL1248] (NBP3-25628) conjugated with HRP (1 ug/mL) Pair 2: Capture: Respiratory Syncytial virus Nucleoprotein antibody [HL1246] (NBP3-25626) (5 ug/mL) Detection: Respiratory Syncytial virus Nucleoprotein antibody [HL1248] (NBP3-25628) conjugated with HRP (1 ug/mL) Please notice that detection antibodies need to be conjugated to HRP to function when paired with capture one. Please contact us for custom HRP-conjugated antibody.



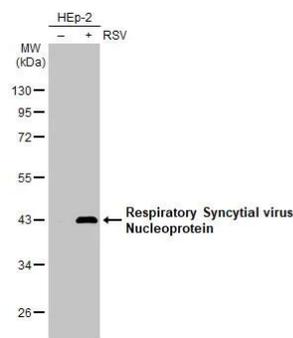
ELISA: Respiratory Syncytial Virus Nucleoprotein Antibody (HL1246) - Azide and BSA Free [NBP3-25626] - Sandwich ELISA detection of recombinant HEK293 expressed, full-length respiratory syncytial virus type A nucleoprotein, DDDDK tag using ELISA pairs below. The amount of capture and detection antibodies are 5 and 1 ug/mL, respectively. Pair 1: Capture: Respiratory Syncytial virus type A Nucleoprotein antibody [HL1297] (NBP3-25632) Detection: Respiratory Syncytial virus Nucleoprotein antibody [HL1248] (NBP3-25628) conjugated with HRP Pair 2: Capture: Respiratory Syncytial virus type A Nucleoprotein antibody [HL1297] (NBP3-25632) Detection: Respiratory Syncytial virus Nucleoprotein antibody [HL1247] (NBP3-25627) conjugated with HRP Pair 3: Capture: Respiratory Syncytial virus type A Nucleoprotein antibody [HL1297] (NBP3-25632) Detection: Respiratory Syncytial virus type A Nucleoprotein antibody [HL1246] (NBP3-25626) conjugated with HRP Please notice that detection antibodies need to be conjugated to HRP to function when paired with capture one. Please contact us for custom HRP-conjugated antibody.



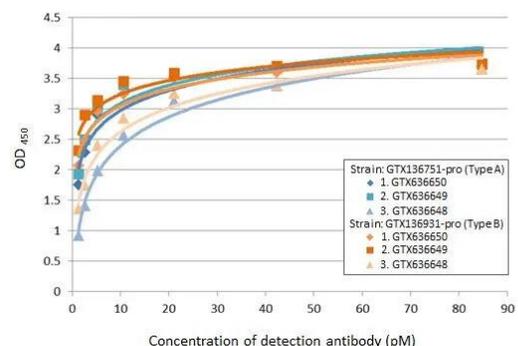
ELISA: Respiratory Syncytial Virus Nucleoprotein Antibody (HL1246) - Azide and BSA Free [NBP3-25626] - Indirect ELISA analysis was performed by coating the plate with recombinant Respiratory Syncytial virus type B Nucleoprotein, DDDDK tag (84.76-1.32 nM). Coated protein was probed with the specified respiratory syncytial virus nucleoprotein antibodies (1 ug/mL). Goat anti-rabbit IgG antibody (HRP) (1:10000) or goat anti-mouse IgG antibody (HRP) (1:10000) were used to detect the bound primary antibodies.



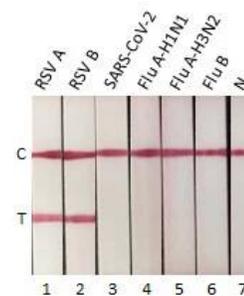
Western Blot: Respiratory Syncytial Virus Nucleoprotein Antibody (HL1246) - Azide and BSA Free [NBP3-25626] - Non-infected (-) and infected (+) HEp-2 whole cell extracts were separated by 10% SDS-PAGE, and the membrane was blotted with Respiratory Syncytial virus Nucleoprotein antibody [HL1246] (NBP3-25626) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



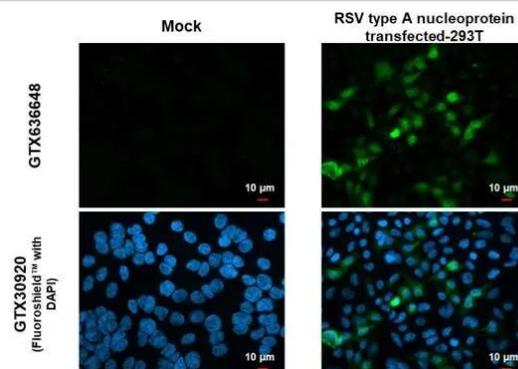
ELISA: Respiratory Syncytial Virus Nucleoprotein Antibody (HL1246) - Azide and BSA Free [NBP3-25626] - Indirect ELISA analysis performed by coating plate with recombinant nucleoproteins (NP) derived from different strains of respiratory syncytial virus (i.e., type A; type B) (84.76-1.32 nM). Coated protein was probed with Respiratory Syncytial virus Nucleoprotein antibodies (1 ug/mL) below. Goat anti-rabbit IgG antibody (HRP) (1:10000) was used to detect bound primary antibody. Antibodies: 1. Respiratory Syncytial virus Nucleoprotein antibody [HL1248] (NBP3-25628) 2. Respiratory Syncytial virus Nucleoprotein antibody [HL1247] (NBP3-25627) 3. Respiratory Syncytial virus type A Nucleoprotein antibody [HL1246] (NBP3-25626)



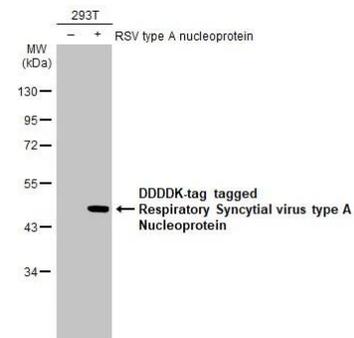
Lateral Flow Assay: Respiratory Syncytial Virus Nucleoprotein Antibody (HL1246) - Azide and BSA Free [NBP3-25626] - Detection of Respiratory Syncytial virus Nucleoprotein by lateral flow assay using the monoclonal antibody pair. Capture: Respiratory Syncytial virus Nucleoprotein antibody (NBP3-25628) [HL1248] Detection: Respiratory Syncytial virus Nucleoprotein antibody (NBP3-25626) [HL1246] Samples (25 ng) : 1. RSV type A Nucleoprotein 2. RSV type B Nucleoprotein 3. SARS-CoV-2 Nucleocapsid protein 4. FluA (H1N1) Nucleoprotein 5. FluA (H3N2) Nucleoprotein 6. FluB Nucleoprotein 7. Lysis buffer



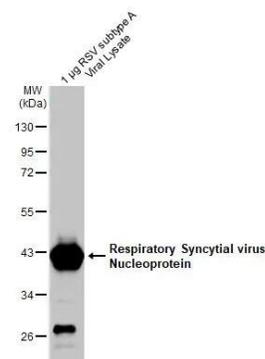
Immunocytochemistry/Immunofluorescence: Respiratory Syncytial Virus Nucleoprotein Antibody (HL1246) - Azide and BSA Free [NBP3-25626] - Respiratory Syncytial virus Nucleoprotein antibody [HL1246] detects Respiratory Syncytial virus Nucleoprotein protein by immunofluorescent analysis. Sample: Mock and transfected 293T cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Respiratory Syncytial virus Nucleoprotein stained by Respiratory Syncytial virus Nucleoprotein antibody [HL1246] (NBP3-25626) diluted at 1:500. Blue: Fluoroshield with DAPI .



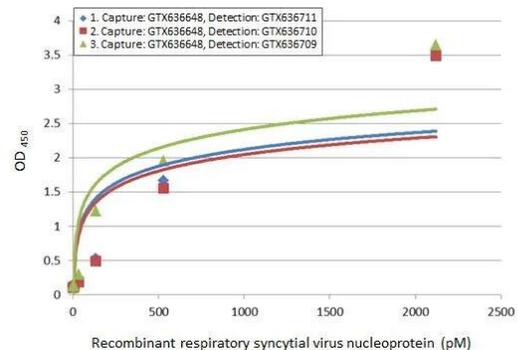
Western Blot: Respiratory Syncytial Virus Nucleoprotein Antibody (HL1246) - Azide and BSA Free [NBP3-25626] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Respiratory Syncytial virus Nucleoprotein antibody [HL1246] (NBP3-25626) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



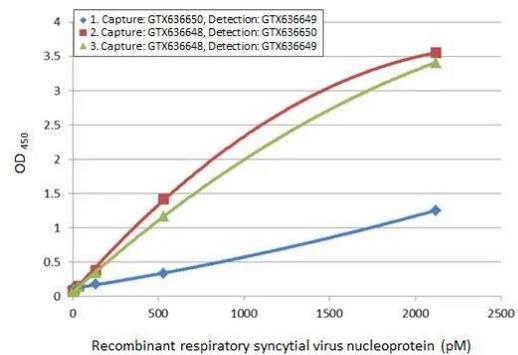
Western Blot: Respiratory Syncytial Virus Nucleoprotein Antibody (HL1246) - Azide and BSA Free [NBP3-25626] - Respiratory syncytial virus lysate (1 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with Respiratory Syncytial virus Nucleoprotein antibody [HL1246] (NBP3-25626) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



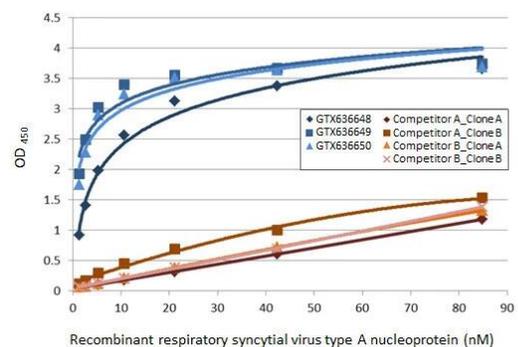
ELISA: Respiratory Syncytial Virus Nucleoprotein Antibody (HL1246) - Azide and BSA Free [NBP3-25626] - Sandwich ELISA detection of recombinant HEK293 expressed, full-length respiratory syncytial virus type A nucleoprotein, DDDDK tag using ELISA pairs below. The amount of capture and detection antibodies are 5 and 1 ug/mL, respectively. Pair 1: Capture: Respiratory Syncytial virus Nucleoprotein antibody [HL1246] (NBP3-25626) Detection: Respiratory Syncytial virus type A Nucleoprotein antibody [HL1297] (NBP3-25632) conjugated with HRP Pair 2: Capture: Respiratory Syncytial virus Nucleoprotein antibody [HL1246] (NBP3-25626) Detection: Respiratory Syncytial virus Nucleoprotein antibody [HL1296] (NBP3-25479) conjugated with HRP Pair 3: Capture: Respiratory Syncytial virus Nucleoprotein antibody [HL1246] (NBP3-25626) Detection: Respiratory Syncytial virus Nucleoprotein antibody [HL1295] (NBP3-25630) conjugated with HRP Please notice that detection antibodies need to be conjugated to HRP to function when paired with capture one. Please contact us for custom HRP-conjugated antibody.



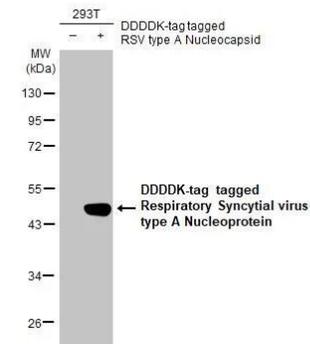
ELISA: Respiratory Syncytial Virus Nucleoprotein Antibody (HL1246) - Azide and BSA Free [NBP3-25626] - Sandwich ELISA detection of recombinant HEK293 expressed, full-length respiratory syncytial virus nucleoprotein using ELISA pairs below. Pair 1: Capture: Respiratory Syncytial virus Nucleoprotein antibody (NBP3-25628) (5 ug/mL) Detection: Respiratory Syncytial virus Nucleoprotein antibody [HL1247] (NBP3-25627) conjugated with HRP (1 ug/mL) Pair 2: Capture: Respiratory Syncytial virus Nucleoprotein antibody [HL1246] (NBP3-25626) (5 ug/mL) Detection: Respiratory Syncytial virus Nucleoprotein antibody [HL1248] (NBP3-25628) conjugated with HRP (1 ug/mL) Pair 3: Capture: Respiratory Syncytial virus Nucleoprotein antibody [HL1246] (NBP3-25626) (5 ug/mL) Detection: Respiratory Syncytial virus Nucleoprotein antibody [HL1247] (NBP3-25627) conjugated with HRP (1 ug/mL) Please notice that detection antibodies need to be conjugated to HRP to function when paired with capture one. Please contact us for custom HRP-conjugated antibody.



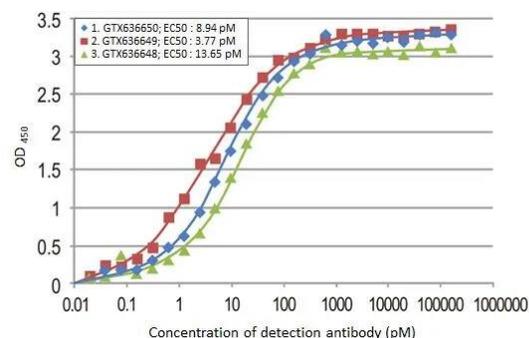
ELISA: Respiratory Syncytial Virus Nucleoprotein Antibody (HL1246) - Azide and BSA Free [NBP3-25626] - Indirect ELISA analysis was performed by coating the plate with recombinant Respiratory syncytial virus type A Nucleoprotein, DDDDK tag (84.76-1.32 nM). Coated protein was probed with the specified respiratory syncytial virus nucleoprotein antibodies (1 ug/mL). Goat anti-rabbit IgG antibody (HRP) (1:10000) or goat anti-mouse IgG antibody (HRP) (1:10000) were used to detect the bound primary antibodies.



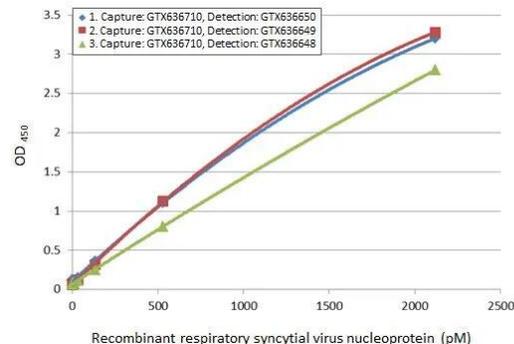
Western Blot: Respiratory Syncytial Virus Nucleoprotein Antibody (HL1246) - Azide and BSA Free [NBP3-25626] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Respiratory Syncytial virus Nucleoprotein antibody [HL1246] (NBP3-25626) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



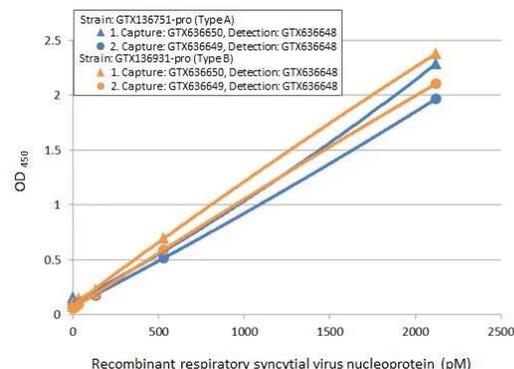
ELISA: Respiratory Syncytial Virus Nucleoprotein Antibody (HL1246) - Azide and BSA Free [NBP3-25626] - Indirect ELISA analysis performed by coating plate with recombinant E.coli expressed, C-terminal respiratory syncytial virus type A nucleoprotein (50 ng). Coated protein was probed with Respiratory Syncytial virus Nucleoprotein antibodies (160000-1.9*10⁻² pM) below. Goat anti-rabbit IgG antibody (HRP) (1:10000) was used to detect bound primary antibody. Antibodies: 1. Respiratory Syncytial virus Nucleoprotein antibody [HL1248] (NBP3-25628) 2. Respiratory Syncytial virus Nucleoprotein antibody [HL1247] (NBP3-25627) 3. Respiratory Syncytial virus type A Nucleoprotein antibody [HL1246] (NBP3-25626)



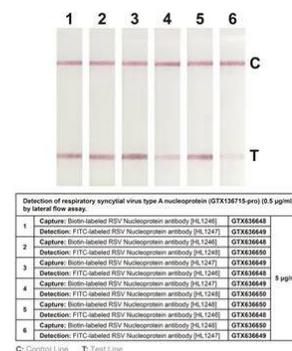
ELISA: Respiratory Syncytial Virus Nucleoprotein Antibody (HL1246) - Azide and BSA Free [NBP3-25626] - Sandwich ELISA detection of recombinant HEK293 expressed, full-length respiratory syncytial virus type A nucleoprotein, DDDDK tag using ELISA pairs below. The amount of capture and detection antibodies are 5 and 1 ug/mL, respectively. Pair 1: Capture: Respiratory Syncytial virus Nucleoprotein antibody [HL1296] (NBP3-25479) Detection: Respiratory Syncytial virus Nucleoprotein antibody [HL1248] (NBP3-25628) conjugated with HRP Pair 2: Capture: Respiratory Syncytial virus Nucleoprotein antibody [HL1296] (NBP3-25479) Detection: Respiratory Syncytial virus Nucleoprotein antibody [HL1247] (NBP3-25627) conjugated with HRP Pair 3: Capture: Respiratory Syncytial virus Nucleoprotein antibody [HL1296] (NBP3-25479) Detection: Respiratory Syncytial virus type A Nucleoprotein antibody [HL1246] (NBP3-25626) conjugated with HRP Please notice that detection antibodies need to be conjugated to HRP to function when paired with capture one. Please contact us for custom HRP-conjugated antibody.



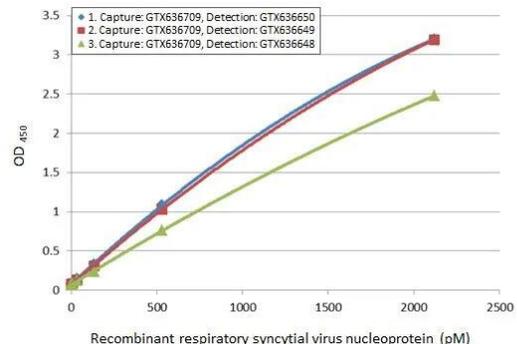
ELISA: Respiratory Syncytial Virus Nucleoprotein Antibody (HL1246) - Azide and BSA Free [NBP3-25626] - Sandwich ELISA of recombinant nucleoproteins (NP) derived from different strains of respiratory syncytial virus (i.e., type A; type B) using ELISA pairs below. Pair 1: Capture: Respiratory Syncytial virus Nucleoprotein antibody [HL1248] (NBP3-25628) (5 ug/mL) Detection: Respiratory Syncytial virus Nucleoprotein antibody [HL1246] (NBP3-25626) conjugated with HRP (1 ug/mL) Pair 2: Capture: Respiratory Syncytial virus Nucleoprotein antibody [HL1247] (NBP3-25627) (5 ug/mL) Detection: Respiratory Syncytial virus Nucleoprotein antibody [HL1246] (NBP3-25626) conjugated with HRP (1 ug/mL) Please notice that detection antibodies need to be conjugated to HRP to function when paired with capture one. Please contact us for custom HRP-conjugated antibody.



Lateral Flow Assay: Respiratory Syncytial Virus Nucleoprotein Antibody (HL1246) - Azide and BSA Free [NBP3-25626] - Detection of respiratory syncytial virus type A nucleoprotein (0.5 ug/ml) by lateral flow assay using the recombinant rabbit monoclonal antibody pair.



ELISA: Respiratory Syncytial Virus Nucleoprotein Antibody (HL1246) - Azide and BSA Free [NBP3-25626] - Sandwich ELISA detection of recombinant HEK293 expressed, full-length respiratory syncytial virus type A nucleoprotein, DDDDK tag using ELISA pairs below. The amount of capture and detection antibodies are 5 and 1 ug/mL, respectively. Pair 1: Capture: Respiratory Syncytial virus Nucleoprotein antibody [HL1295] (NBP3-25630) Detection: Respiratory Syncytial virus Nucleoprotein antibody [HL1248] (NBP3-25628) conjugated with HRP Pair 2: Capture: Respiratory Syncytial virus Nucleoprotein antibody [HL1295] (NBP3-25630) Detection: Respiratory Syncytial virus Nucleoprotein antibody [HL1247] (NBP3-25627) conjugated with HRP Pair 3: Capture: Respiratory Syncytial virus Nucleoprotein antibody [HL1295] (NBP3-25630) Detection: Respiratory Syncytial virus type A Nucleoprotein antibody [HL1246] (NBP3-25626) conjugated with HRP Please notice that detection antibodies need to be conjugated to HRP to function when paired with capture one. Please contact us for custom HRP-conjugated antibody.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP3-25626

| | |
|------------|---|
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| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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