

Product Datasheet

Chicken anti-Rat IgG (H+L) Secondary Antibody [HRP] NB120-6836

Unit Size: 0.5 mg

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

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NB120-6836

Chicken anti-Rat IgG (H+L) Secondary Antibody [HRP]

Product Information	
Unit Size	0.5 mg
Concentration	Please see the 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	Polyclonal
Preservative	0.01% Gentamicin Sulfate
Isotype	IgG
Conjugate	HRP
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

Product Description	
Description	For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rat IgG coupled to agarose. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Chicken Serum, Rat IgG and Rat Serum.
Host	Chicken
Species	Rat
Immunogen	Rat IgG whole molecule
Notes	Chicken products cannot be exported to Canada.

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000 - 1:10000, ELISA 1:10000 - 1:100000, Immunohistochemistry 1:500 - 1:2500
Application Notes	This product has been tested by ELISA and is assayed against 1.0 ug of Rat IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid] substrate for 30 minutes at room temperature. A working dilution of 1:2,000 to 1:12,000 of the reconstitution concentration is suggested for this product. Optimal concentration in other immunoassays should be determined by researcher. NOTE: Do NOT add Sodium Azide (it inhibits HRP irreversibly).



Images

Western Blot: Chicken anti-Rat IgG (H+L) Secondary Antibody [HRP] [NB120-6836] - Western Blot of Chicken anti-Rat IgG (H+L) Secondary antibody [HRP]. Lane M: 3 ul Molecular Ladder. Lane 1: Rat IgG whole molecule. Lane 2: Rat IgG F(c) Fragment. Lane 3: Rat IgG Fab Fragment. Lane 4: Rat IgM Whole Molecule. Lane 5: Rat Serum. All samples were reduced. Load: 50 ng per lane. Block for 30 min at RT. Primary Antibody: Chicken anti-Rat IgG (H+L) Secondary antibody [HRP] 1:1,000 for 60 min at RT. Secondary Antibody: Anti-Chicken IgG (GOAT) Peroxidase Conjugated Antibody 1:40,000 in blocking buffer for 30 min at RT. Predicted/Obsevered Size: 25 and 55 kDa for Rat IgG and Serum, 25 kDa for F(c) and Fab, 78 and 25 kDa for IgM. Rat F(c) migrates slightly higher.





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Limitations

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

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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