

Product Datasheet

Exosome component 10 Antibody - BSA Free NBP1-32870

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP1-32870

Exosome component 10 Antibody - BSA Free

Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	0.1M Tris (pH 7), 0.1M Glycine, 10% Glycerol
Target Molecular Weight	101 kDa

Product Description

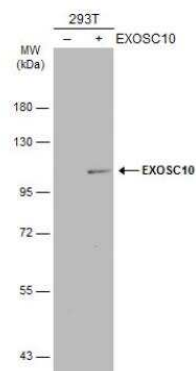
Host	Rabbit
Gene ID	5394
Gene Symbol	EXOSC10
Species	Human, Chicken
Reactivity Notes	Chicken reactivity reported in scientific literature (PMID: 24842995).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Exosome component 10. The exact sequence is proprietary.

Product Application Details

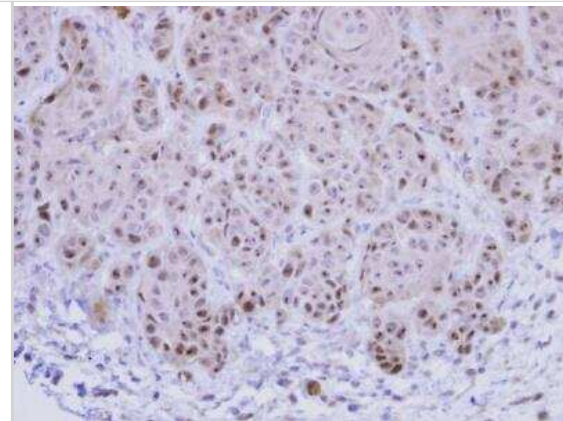
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Knockdown Validated
Recommended Dilutions	Western Blot 1:1000-1:10000, Immunohistochemistry 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000, Knockdown Validated

Images

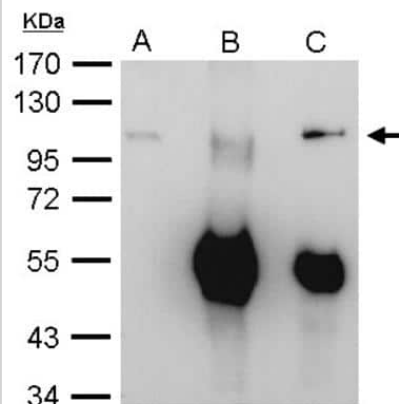
Western Blot: Exosome component 10 Antibody [NBP1-32870] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with EXOSC10 antibody diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



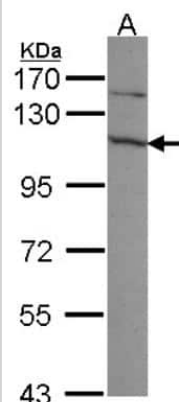
Immunohistochemistry-Paraffin: Exosome component 10 Antibody [NBP1-32870] - Paraffin-embedded Cal27 xenograft, using antibody at 1:100 dilution.



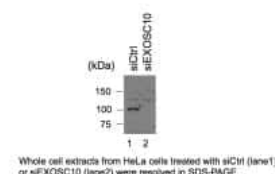
Western Blot: Exosome component 10 Antibody [NBP1-32870] - Sample: 1000 ug 293T whole cell lysate/extract A. 30 ug 293T whole cell lysate/extract, B. Control with 2.5 ug of preimmune rabbit IgG, C. Immunoprecipitation of EXOSC 10 protein by 2.5 ug of EXOSC 10 antibody 7.5% SDS-PAGE gel.



Western Blot: Exosome component 10 Antibody [NBP1-32870] - Sample (30 ug of whole cell lysate) A: 293T 7.5% SDS PAGE, antibody diluted at 1:3000.



Western Blot: Exosome component 10 Antibody [NBP1-32870] - analysis of EXOSC10 in HeLa whole cell extracts treated with (1) si-control and (2) EXOSC10 siRNA using anti-EXOSC10 antibody. Image from verified customer review.



Publications

Ogami K, Richard P, Chen Y et al. An Mtr4/ZFC3H1 complex facilitates turnover of unstable nuclear RNAs to prevent their cytoplasmic transport and global translational repression. *Gens & Dev.* 2017-07-21 [PMID: 28733371]

Hsin JP, Li W, Hoque M et al. RNAP II CTD tyrosine 1 performs diverse functions in vertebrate cells. *Elife* (Cambridge) 2014-06-04 [PMID: 24842995] (WB, Chicken)

Details:

EXOSC3 antibody used for WB on lysates of 26r (DT40 cells derived Rpb1 derivative containing a CTD with 26 YSPTSPS repeats) and 25F+Y cells (Rpb1-Y1F derivative in which only a single F, in the C terminal-most heptad, was changed back to Y). WB data shown in Supplement Figure 4.

Richard P, Feng S, Manley JL. A SUMO-dependent interaction between Senataxin and the exosome, disrupted in the neurodegenerative disease AOA2, targets the exosome to sites of transcription-induced DNA damage. *Genes Dev.* 2013-10-15 [PMID: 24105744] (WB, Human)





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 NBP1-32870

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-82448PEP	Exosome component 10 Recombinant Protein Antigen

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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