

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

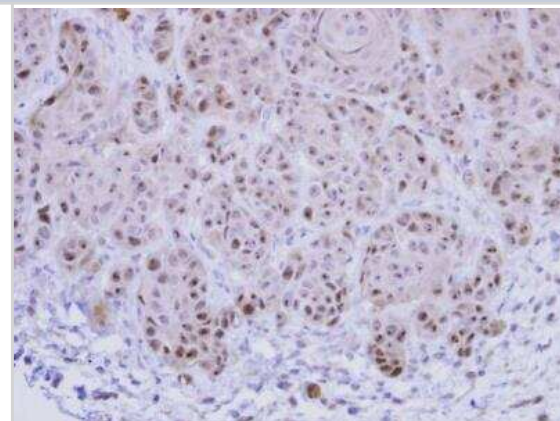
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity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

Product Description	
Description	Novus Biologicals Rabbit Exosome component 10 Antibody - BSA Free (NBP1-32870) is a polyclonal antibody validated for use in IHC, WB and IP. Anti-Exosome component 10 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
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.

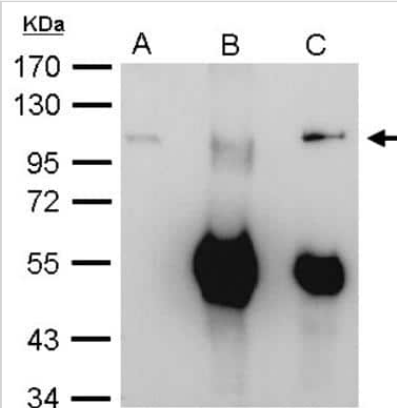
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation, Knockdown Validated
Recommended Dilutions	Western Blot 1:1000-1:10000, Immunohistochemistry 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000,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

Images

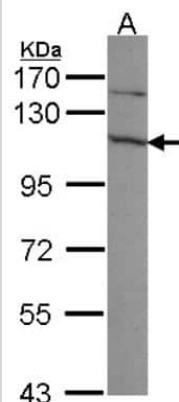
Immunohistochemistry-Paraffin: Exosome component 10 Antibody [NBP1-32870] - Paraffin-embedded Cal27 xenograft, using antibody at 1:100 dilution.



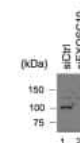
Western Blot: Exosome component 10 Antibody [NBP1-32870] - Sample: 1000 ug 293T whole cell lysate/extract A. 30 ug 293T whole cell lysate/extract, B. Control with 2. 5 ug of preimmune rabbit IgG, C. Immunoprecipitation of EXOSC 10 protein by 2. 5 ug of EXOSC 10 antibody 7. 5% SDS-PAGE gel.



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.

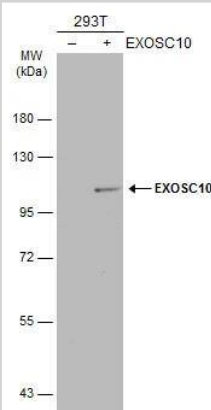


Western Blot: Exosome component 10 Antibody [NBP1-32870] - analysis of EXOSC10 in HeLa whole cell extracts treated with (1) si-control and (2) EXOSC10 siRNA using anti-EXOSC10 antibody. Image from verified customer review.

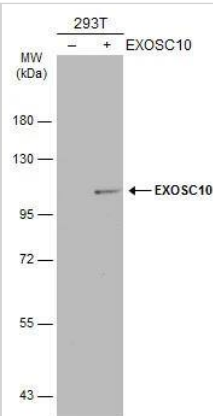


Whole cell extracts from HeLa cells treated with siCtrl (lane1) or siEXOSC10 (lane2) were resolved in SDS-PAGE.

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



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 (NBP1-32870) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



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. *Genes & 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)



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Products Related to NBP1-32870

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

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