

Product Datasheet

Xrn1 Antibody - BSA Free NB500-191

Unit Size: 100 ul

Store at 4C. Do not freeze.

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Publications: 9

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NB500-191

Xrn1 Antibody - BSA Free

Product Information

Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

Product Description

Description	Novus Biologicals Rabbit Xrn1 Antibody - BSA Free (NB500-191) is a polyclonal antibody validated for use in WB and IP. Anti-Xrn1 Antibody: Cited in 9 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	54464
Gene Symbol	XRN1
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residue 1650 and the C-terminus (residue 1706) of human 5'-3' Exoribonuclease 1 using the numbering given in TrEMBL entry Q6MZS8 (GeneID 54464).

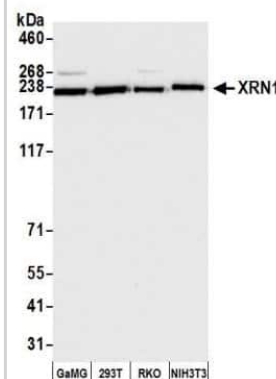
Product Application Details

Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:10000 - 1:25000, Immunoprecipitation 2-10 ug/mg lysate



Images

Western Blot: Xrn1 Antibody [NB500-191] - Detection of human and mouse XRN1 by western blot. Samples: Whole cell lysate (15 ug) from GaMG, HEK293T, RKO, and NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-XRN1 antibody NB500-191 used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



Immunoprecipitation: Xrn1 Antibody [NB500-191] - Detection of human XRN1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-XRN1 antibody NB500-191 (lot NB500-191-4) used for IP at 6 ug per reaction. XRN1 was also immunoprecipitated by a previous lot of this antibody (lot NB500-191-3). For blotting immunoprecipitated XRN1, NB500-191 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



Publications

Chiu HP, Chiu H, Yang CF et al. Inhibition of Japanese encephalitis virus infection by the host zinc-finger antiviral protein. *PLoS Pathog.* 2018-07-01 [PMID: 30016363]

Cougnoux A, Drummond RA, Fellmeth M, et al. GC content shapes mRNA storage and decay in human cells *Elife* 2019-12-19 [PMID: 31855182]

Chiu H, Chiu HP, Yu HP Et al. Zinc finger protein ZFP36L1 inhibits flavivirus infection by both 5'-3' XRN1 and 3'-5' RNA-exosome RNA decay pathways *Journal of virology* 2021-10-13 [PMID: 34643435]

Bradrick SS, Nagyal S, Novatt H. A miRNA-responsive cell-free translation system facilitates isolation of hepatitis C virus miRNP complexes. *RNA.* 2013-08-01 [PMID: 23793894] (WB, Human)

Fros JJ, Domeradzka NE, Baggen J et al. Chikungunya virus nsP3 blocks stress granule assembly by recruitment of G3BP into cytoplasmic foci. *J Virol* 2012-10-01 [PMID: 22837213]

Ariumi Y, Kuroki M, Kushima Y et al. Hepatitis C virus hijacks P-body and stress granule components around lipid droplets. *J Virol* 2011-07-01 [PMID: 21543503]

Silva PA, Pereira CF, Dalebout TJ et al. An RNA pseudoknot is required for production of yellow fever virus subgenomic RNA by the host nuclease XRN1. *J Virol* 2010-11-01 [PMID: 20739539]

Ozgun S, Chekulaeva M, Stoecklin G et al. Human Pat1b connects deadenylation with mRNA decapping and controls the assembly of processing bodies. *Mol Cell Biol* 2010-09-01 [PMID: 20584987]

Dougherty JD, White JP, Lloyd RE. Poliovirus-mediated disruption of cytoplasmic processing bodies. *J Virol.* 2011-01-01 [PMID: 20962086]



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Products Related to NB500-191

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

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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