

Product Datasheet

RENT1/UPF1/hUPF1 Antibody - BSA Free NB100-368

Unit Size: 100 ul

Store at 4C. Do not freeze.

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technical@novusbio.com

Publications: 10

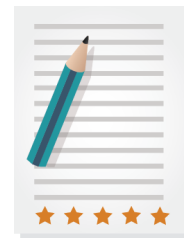
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NB100-368

RENT1/UPF1/hUPF1 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 Goat RENT1/UPF1/hUPF1 Antibody - BSA Free (NB100-368) is a polyclonal antibody validated for use in WB. Anti-RENT1/UPF1/hUPF1 Antibody: Cited in 10 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	5976
Gene Symbol	UPF1
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residue 250 and 300 of human Regulator of Nonsense Transcripts 1 (up-frameshift mutation 1 homolog) using the numbering given in entry NP_002902.2 (GeneID 5976).

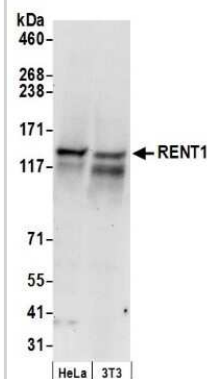
Product Application Details

Applications	Western Blot
Recommended Dilutions	Western Blot 1:1000 - 1:2500

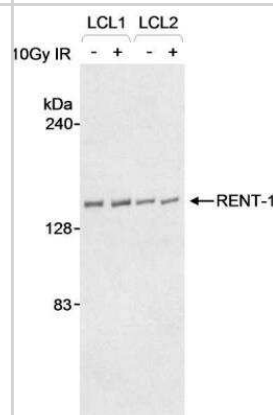


Images

Western Blot: RENT1/UPF1/hUPF1 Antibody [NB100-368] - Samples: Whole cell lysate (50 ug) from HeLa and mouse NIH3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified goat anti-RENT1 antibody used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Western Blot: RENT1/UPF1/hUPF1 Antibody [NB100-368] - Whole cell lysate (30 ug) from lymphoblastoid cell lines (EBV-immortalized B-cell from a normal individual). Antibody used at 1 ug/ml.



Publications

Shi Y, Parag S, Patel R et al. Stabilization of lncRNA GAS5 by a Small Molecule and Its Implications in Diabetic Adipocytes. *Cell Chem Biol* 2019-01-09 [PMID: 30661991] (WB, Human)

de Turris V, Nicholson P, Orozco RZ et al. Cotranscriptional effect of a premature termination codon revealed by live-cell imaging. *RNA* 2011-12-01 [PMID: 22028363]

Peixeiro I, Inacio a, Barbosa C et al. Interaction of PABPC1 with the translation initiation complex is critical to the NMD resistance of AUG-proximal nonsense mutations. *Nucleic Acids Res* 2012-02-01 [PMID: 21989405]

Boudoukha S, Cuvelier S, Polesskaya A. et al. Role of the RNA-binding protein IMP-2 in muscle cell motility. *Mol Cell Biol* 2010-10-18 [PMID: 20956565]

Valacca C, Bonomi S, Buratti E et al. Sam68 regulates EMT through alternative splicing-activated nonsense-mediated mRNA decay of the SF2/ASF proto-oncogene. *J Cell Biol* 2010-10-01 [PMID: 20876280]

Wittkopp N, Huntzinger E, Weiler C et al. Nonsense-mediated mRNA decay effectors are essential for zebrafish embryonic development and survival. *Mol Cell Biol* 2009-07-01 [PMID: 19414594]

Muller B, Blackburn J, Feijoo C et al. DNA-activated protein kinase functions in a newly observed S phase checkpoint that links histone mRNA abundance with DNA replication. *J Cell Biol* 2007-12-01 [PMID: 18158334]

Boutz PL, Stoilov P, Li Q et al. A post-transcriptional regulatory switch in polypyrimidine tract-binding proteins reprograms alternative splicing in developing neurons. *Genes Dev* 2007-07-01 [PMID: 17606642]

Ni JZ, Grate L, Donohue JP et al. Ultraconserved elements are associated with homeostatic control of splicing regulators by alternative splicing and nonsense-mediated decay. *Genes Dev* 2007-03-01 [PMID: 17369403]

Silva AL, Pereira FJ, Morgado A et al. The canonical UPF1-dependent nonsense-mediated mRNA decay is inhibited in transcripts carrying a short open reading frame independent of sequence context. *RNA* 2006-12-01 [PMID: 17077274]



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 NB100-368

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
H00005976-Q01-10ug	Recombinant Human RENT1/UPF1/hUPF1 GST (N-Term) Protein

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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