

Product Datasheet

RENT1/UPF1/hUPF1 Antibody

NBP1-05967

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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Publications: 2

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NBP1-05967**RENT1/UPF1/hUPF1 Antibody****Product Information**

Unit Size	0.1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA

Product Description

Description	Novus Biologicals Rabbit RENT1/UPF1/hUPF1 Antibody (NBP1-05967) is a polyclonal antibody validated for use in WB and IP. Anti-RENT1/UPF1/hUPF1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5976
Gene Symbol	UPF1
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residue 1079 and 1129 of human regulator of nonsense transcripts 1 using the numbering given in entry NP_002902.2 (GeneID 5976).

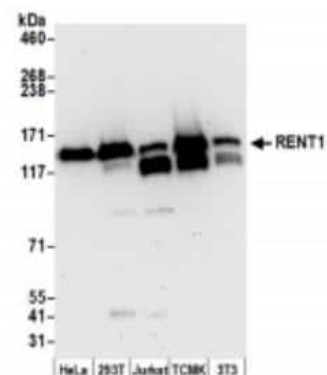
Product Application Details

Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunoprecipitation 2 - 10 ug/mg lysate

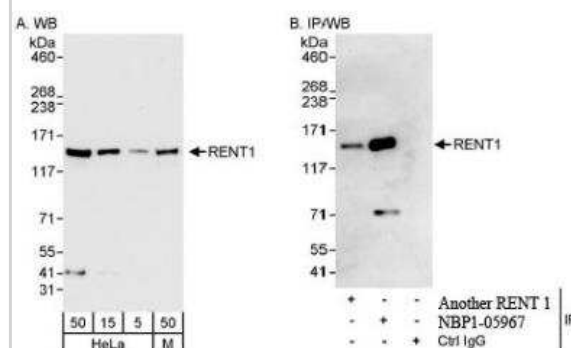


Images

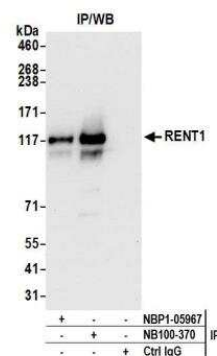
Western Blot: RENT1/UPF1/hUPF1 Antibody [NBP1-05967] - Whole cell lysate from HeLa, (15 ug), 293T, (15 ug), Jurkat, (15 ug), mouse TCMK-1, (50 ug), and mouse NIH3T3 (50 ug) cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-RENT1 antibody used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Western Blot: RENT1/UPF1/hUPF1 Antibody [NBP1-05967] - Whole cell lysate from HeLa and mouse NIH3T3.



Immunoprecipitation: RENT1/UPF1/hUPF1 Antibody [NBP1-05967] - Detection of human RENT1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-RENT1 antibody NBP1-05967 used for IP at 3 ug per reaction. RENT1 was also immunoprecipitated by rabbit anti-RENT1 antibody NB100-370. For blotting immunoprecipitated RENT1, NBP1-05967 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



Publications

Nickless A, Jackson E, Marasa J et al. Intracellular calcium regulates nonsense-mediated mRNA decay. Nat. Med. 2014-07-27 [PMID: 25064126] (WB, Human)

Details:

UPF2 antibody used for WB in shRNA-mediated UPF2 knockdown U2OS -nonsense-mediated mRNA decay/NMD reporter (multicolored bioluminescence-based reporter system) cells. WB image - Figure 1e.

Martins R, Proenca D, Silva B et al. Alternative polyadenylation and nonsense-mediated decay coordinately regulate the human HFE mRNA levels. PLoS One 2012-01-01 [PMID: 22530027]



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Products Related to NBP1-05967

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit 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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