

# Product Datasheet

## RENT1/UPF1/hUPF1 Antibody - BSA Free NB100-370

Unit Size: 100 ul

Store at 4C. Do not freeze.

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### Publications: 1

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**NB100-370****RENT1/UPF1/hUPF1 Antibody - BSA Free**

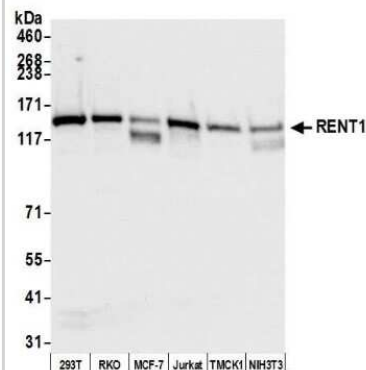
Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

Product Description	
Description	Novus Biologicals Goat RENT1/UPF1/hUPF1 Antibody - BSA Free (NB100-370) is a polyclonal antibody validated for use in WB and IP. Anti-RENT1/UPF1/hUPF1 Antibody: Cited in 1 publication. 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 1075 and the C-terminus (residue 1118) of human Regulator of Nonsense Transcripts 1 (up-frameshift mutation 1 homolog) using the numbering given in entry NP_002902.2 (GeneID 5976).

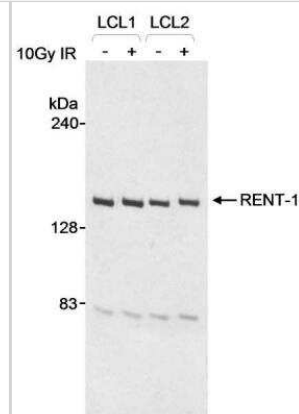
Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot, Immunoprecipitation 2 -10 ug/mg lysate
Application Notes	By Western blot, this antibody recognizes a band at ~145 kDa, representing human RENT1. *The investigator should determine the optimal working dilution for a specific application.

**Images**

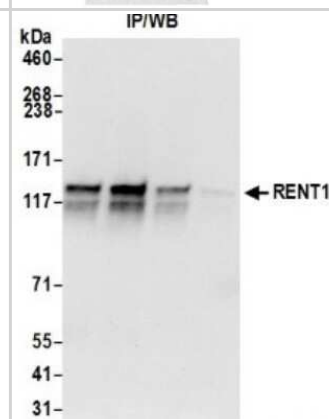
Western Blot: RENT1/UPF1/hUPF1 Antibody [NB100-370] - Detection of human RENT1 by western blot. Samples: Whole cell lysate (50 ug) from HEK293T, RKO, MCF-7, Jurkat, TMCK-1, and NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Goat anti-RENT1 antibody NB100-370 used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



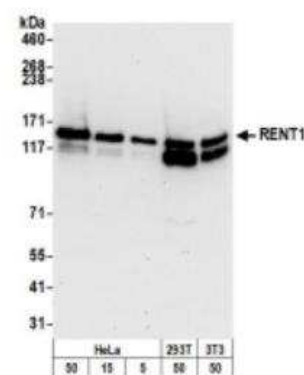
Western Blot: RENT1/UPF1/hUPF1 Antibody [NB100-370] - Whole cell lysate (30 ug) from lymphoblastoid cell lines (EBV-immortalized B-cell from a normal individual). Antibody used at 1 ug/ml.



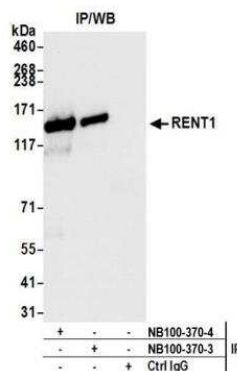
Western Blot: RENT1/UPF1/hUPF1 Antibody [NB100-370] - Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-RENT1 antibody (lot For blotting immunoprecipitated RENT1, was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



Western Blot: RENT1/UPF1/hUPF1 Antibody [NB100-370] - Whole cell lysate from HeLa (5, 15 and 50 ug), 293T (50ug), and mouse NIH3T3 (50ug) 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.



Immunoprecipitation: RENT1/UPF1/hUPF1 Antibody [NB100-370] - Detection of human RENT1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Goat anti-RENT1 antibody NB100-370 (NB100-370 lot 4) used for IP at 6 ug per reaction. RENT1 was also immunoprecipitated by a previous lot of this antibody (lot NB100-370-3). For blotting immunoprecipitated RENT1, NB100-370 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



## Publications

Luke B, Azzalin CM, Hug N et al. Saccharomyces cerevisiae Ebs1p is a putative ortholog of human Smg7 and promotes nonsense-mediated mRNA decay. Nucleic Acids Res 2007-01-01 [PMID: 17984081]



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### **Products Related to NB100-370**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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

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### **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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