

Rabbit RPN1 Polyclonal Antibody | anti-RPN1 antibody

RPN1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328717	Rabbit	Human, Mouse, Rat, MonkeyPredicted: Pig, Bovine, Horse, Rabbit, Dog, Xenopus	Western Blot

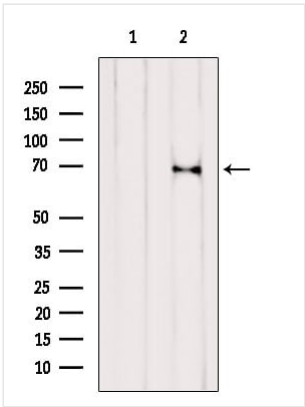
PRODUCT SYNONYMS

RPN1; Polyclonal Antibody; RPN1 Antibody; D6Wsu137e; Dolichyl diphosphooligosaccharide protein glycosyltransferase 67 kDa subunit; Dolichyl diphosphooligosaccharide protein glycosyltransferase 67 kDa subunit precursor; Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 67 kDa subunit; Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1; EC 2.4.1.119; Oligosaccharyltransferase 1 homolog; oligosaccharyltransferase complex subunit (non-catalytic); OST1; RBPH1; Ribophorin I; Ribophorin-1; RPN-I; Rpn1; RPN1_HUMAN; anti-RPN1 antibody

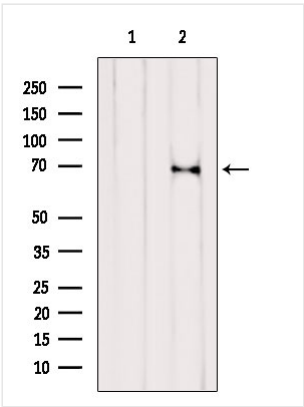
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey Predicted: Pig, Bovine, Horse, Rabbit, Dog, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	RPN1 Antibody detects endogenous levels of RPN1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	607
Applicable Applications for anti-RPN1 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human RPN1.
Tissue Specificity	Expressed in all tissues tested.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Endoplasmic Reticulum
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

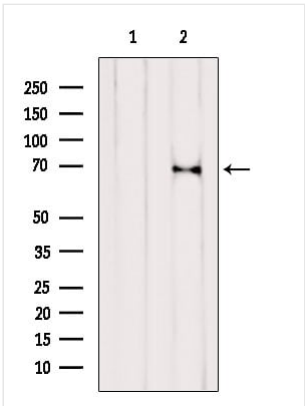
IMAGES



WB (Western Blot)
Western blot analysis of extracts from COS-7, using RPN1 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from K-562 cells, using RPN1 Antibody. The lane on the left was treated with blocking peptide.



IF (Immunofluorescence)
staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. Samples were then incubated with primary Ab(1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37 degree C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(1:200 Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(1:600 Green) were used as the secondary antibody

ADDITIONAL INFORMATION

Related Product Information for anti-RPN1 antibody	Description: Essential subunit of the N-oligosaccharyl transferase (OST) complex which catalyzes the transfer of a high mannose oligosaccharide from a lipid-linked oligosaccharide donor to an asparagine residue within an Asn-X-Ser/Thr consensus motif in nascent polypeptide chains.
	Subunit Structure: Component of the oligosaccharyltransferase (OST) complex. OST exists in two different complex forms which contain common core subunits RPN1, RPN2, OST48, OST4, DAD1 and TMEM258, either STT3A or STT3B as catalytic subunits, and form-specific accessory subunits. OST can form stable complexes with the Sec61 complex or with both the Sec61 and TRAP complexes (By similarity).
	Similarity: Belongs to the OST1 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506675
NCBI GeneID	6184
NCBI Accession #	NP_002941
NCBI GenBank Nucleotide #	NP_002941.1

UniProt Accession #	P04843
Molecular Weight	Observed: 69 kDa Predicted: 69 kDa
NCBI Official Full Name	dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1
NCBI Official Synonym Full Names	ribophorin I
NCBI Official Symbol	RPN1
NCBI Official Synonym Symbols	OST1; RBPH1
NCBI Protein Information	dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1
UniProt Protein Name	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1
UniProt Gene Name	RPN1
UniProt Synonym Gene Names	RPN-I
UniProt Entry Name	RPN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rpn1-antibody-western-blot-elisa/328717>