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# Datasheet for ABIN2855218 anti-RPN1 antibody (C-Term)

3 Images



#### Overview

Quantity:	100 µL
Target:	RPN1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPN1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
	immunocytochemistry (iCC), immunonistochemistry (Paramin-embedded Sections) (IHC ( $p$ ))

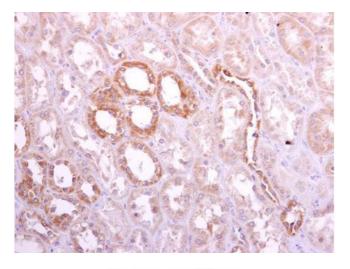
## Product Details

Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human Ribophorin I. The exact sequence is proprietary.
lsotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to Ribophorin I (ribophorin I) Ribophorin I antibody [C2C3], C-term
Purification:	Purified by antigen-affinity chromatography.
Target Details	
Target:	RPN1

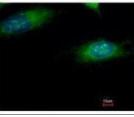
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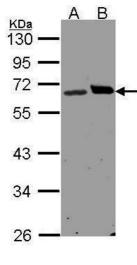
Target Details	
Alternative Name:	ribophorin I (RPN1 Products)
Background:	This gene encodes a type I integral membrane protein found only in the rough endoplasmic reticulum. The encoded protein is part of an N-oligosaccharyl transferase complex that links high mannose oligosaccharides to asparagine residues found in the Asn-X-Ser/Thr consensus motif of nascent polypeptide chains. This protein forms part of the regulatory subunit of the 26S proteasome and may mediate binding of ubiquitin-like domains to this proteasome.
	Cellular Localization: Endoplasmic reticulum membrane, Single-pass type I membrane protein , Melanosome
Molecular Weight:	69 kDa
Gene ID:	6184
UniProt:	P04843
Application Details	
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: H1299 , HepG2
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS ( pH 7), 40 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

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# Costained with Hoechst 33342





### Immunohistochemistry

**Image 1.** IHC-P Image Ribophorin I antibody [C2C3], C-term detects Ribophorin I protein at cytoplasm on human normal kidney by immunohistochemical analysis. Sample: Paraffinembedded human normal kidney. Ribophorin I antibody [C2C3], C-term , diluted at 1:500.

### Immunofluorescence

**Image 2.** ICC/IF Image Immunofluorescence analysis of methanol-fixed HeLa, using Ribophorin I, antibody at 1:500 dilution.

Western Blotting			
Image 3. WB Image Sample(30 µg of whole cell lysate)			
A:H1299 B:Hep G2, 10% SDS PAGE antibody diluted at			
1:1500			

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