

Product Name: KD-Validated Ribophorin I Mouse Monoclonal Antibody**Catalog #: KVA01913**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2,000
Molecular Weight	Calculated MW: 68.6kDa

Antigen Information

Gene Name	RPN1
Alternative Names	RPN1; Ribophorin I; OST1; Dolichyl-Diphosphooligosaccharide--Protein Glycosyltransferase Subunit 1; Oligosaccharyltransferase Complex Subunit (Non-Catalytic); Ribophorin-1; RPN-I; Dolichyl-Diphosphooligosaccharide--Protein Glycosyltransferase 67 KDa Subunit; Dolichyl-Diphosphooligosaccharide-Protein Glycosyltransferase 67 KDa Subunit; Oligosaccharyltransferase 1 Homolog (S. Cerevisiae); Oligosaccharyltransferase 1 Homolog; EC 2.4.1.119; RBPH1
Gene ID	6184.0
SwissProt ID	P04843
Immunogen	Recombinant protein of human RPN1

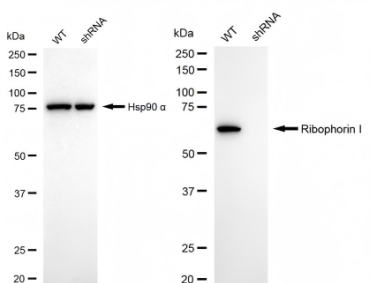
Background

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. [provided by RefSeq, Jul 2008]

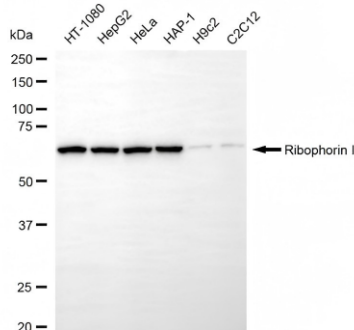
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blotting analysis using ribophorin I antibody (KVA01913). Ribophorin I expression in wild-type (WT) and ribophorin I (RPN1) shRNA knockdown (KD) HeLa cells with 20 μ g of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with ribophorin I antibody (KVA01913, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using ribophorin I antibody (KVA01913). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with ribophorin I antibody (KVA01913, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.