

Anti-Ribophorin I Rabbit Monoclonal Antibody
Catalog # ABO16761**Specification****Anti-Ribophorin I Rabbit Monoclonal Antibody - Product Information**

Application	WB, IHC, FC
Primary Accession	P04843
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human
Clonality	Monoclonal
Format	Liquid

Description

Anti-Ribophorin I Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human, Rat.

Anti-Ribophorin I Rabbit Monoclonal Antibody - Additional Information

Gene ID 6184

Other Names

Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1,
Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 67 kDa subunit, Ribophorin I,
RPN-I, Ribophorin-1, RPN1 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=10381)
target="_blank">HGNC:10381)

Application Details

WB 1:500-1:2000
IHC 1:50-1:200
ICC/IF 1:50-1:200
FC 1:100

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human Ribophorin I

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-Ribophorin I Rabbit Monoclonal Antibody - Protein Information

Name RPN1 ([HGNC:10381](#))

Function

Subunit of the oligosaccharyl transferase (OST) complex that catalyzes the initial transfer of a defined glycan (Glc(3)Man(9)GlcNAc(2) in eukaryotes) from the lipid carrier dolichol-pyrophosphate to an asparagine residue within an Asn-X-Ser/Thr consensus motif in nascent polypeptide chains, the first step in protein N-glycosylation (PubMed:31831667).

N-glycosylation occurs cotranslationally and the complex associates with the Sec61 complex at the channel-forming translocon complex that mediates protein translocation across the endoplasmic reticulum (ER). All subunits are required for a maximal enzyme activity (By similarity).

Cellular Location

Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:E2RQ08}; Single-pass type I membrane protein {ECO:0000250|UniProtKB:E2RQ08}. Melanosome Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

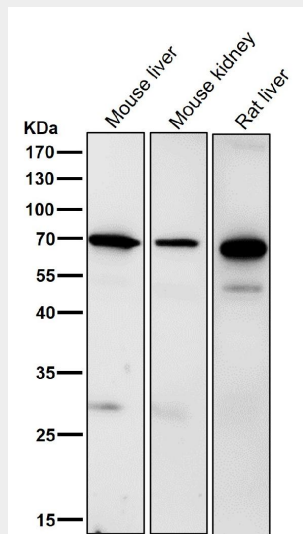
Tissue Location

Expressed in all tissues tested.

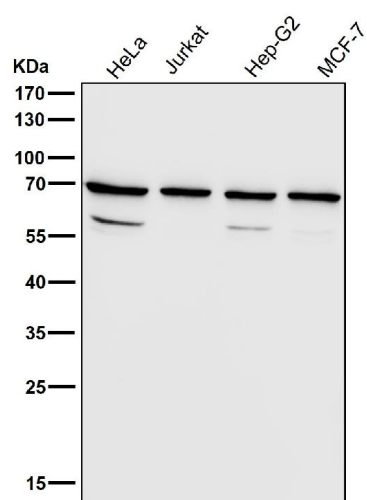
Anti-Ribophorin I Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Ribophorin I Rabbit Monoclonal Antibody - Images

All lanes use the Antibody at 1:3K dilution for 1 hour at room temperature.



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