

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

|                   |                        |
|-------------------|------------------------|
| Application       | WB, IHC, FC            |
| Primary Accession | <a href="#">P04843</a> |
| 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](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=10381))  
target="\_blank">HGNC:10381</a>)

**Application Details**

WB 1:500-1:2000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200<br>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:<a href="http://www.uniprot.org/citations/31831667" target="\_blank">31831667</a>).

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.

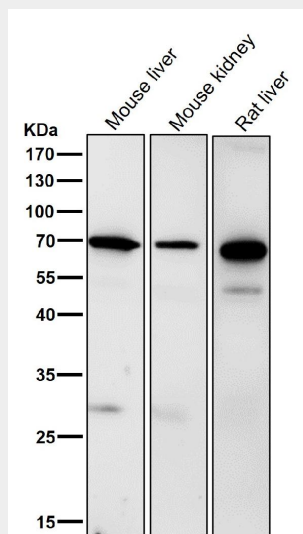
**Tissue Location**

Expressed in all tissues tested.

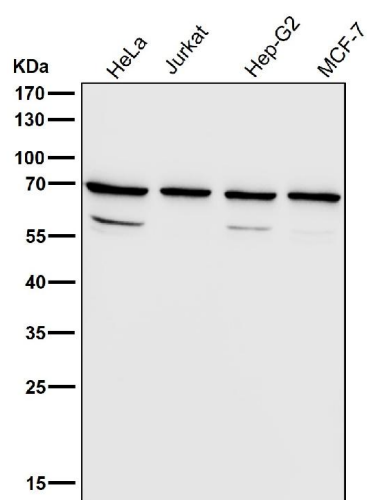
**Anti-Ribophorin I Rabbit Monoclonal Antibody - Protocols**

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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