

**Surfeit Locus Protein 4 Rabbit mAb**  
Catalog # AP76280**Specification****Surfeit Locus Protein 4 Rabbit mAb - Product Information**

Application	WB, IF
Primary Accession	<a href="#">O15260</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	30394

**Surfeit Locus Protein 4 Rabbit mAb - Additional Information**

Gene ID 6836

**Other Names**

SURF4

**Dilution**

WB~~1/500-1/1000

IF~~1/50-1/200

**Format**

Liquid

**Surfeit Locus Protein 4 Rabbit mAb - Protein Information****Name** SURF4 {ECO:0000303|PubMed:18287528, ECO:0000312|HGNC:HGNC:11476}**Function**

Endoplasmic reticulum cargo receptor that mediates the export of lipoproteins by recruiting cargos into COPII vesicles to facilitate their secretion (PubMed:[29643117](http://www.uniprot.org/citations/29643117), PubMed:[30251625](http://www.uniprot.org/citations/30251625), PubMed:[33186557](http://www.uniprot.org/citations/33186557)). Acts as a cargo receptor for lipoproteins bearing both APOB and APOA1, thereby regulating lipoprotein delivery and the maintenance of lipid homeostasis (PubMed:[29643117](http://www.uniprot.org/citations/29643117), PubMed:[33186557](http://www.uniprot.org/citations/33186557)). Synergizes with the GTPase SAR1B to mediate transport of circulating lipoproteins (PubMed:[33186557](http://www.uniprot.org/citations/33186557)). Promotes the secretion of PCSK9 (PubMed:[30251625](http://www.uniprot.org/citations/30251625)). Also mediates the efficient secretion of erythropoietin (EPO) (PubMed:[32989016](http://www.uniprot.org/citations/32989016)). May also play a role in the maintenance of the architecture of the endoplasmic reticulum-Golgi intermediate compartment and of the Golgi (PubMed:[18287528](http://www.uniprot.org/citations/18287528)).

### Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein. Endoplasmic reticulum-Golgi intermediate compartment membrane; Multi-pass membrane protein. Golgi apparatus membrane; Multi-pass membrane protein. Note=Active at endoplasmic reticulum exit sites (ERES) where it is incorporated together with its lipoprotein cargos into COPII-coated vesicles. From the Golgi it is recycled back to the endoplasmic reticulum.

### Surfeit Locus Protein 4 Rabbit mAb - 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](#)

### Surfeit Locus Protein 4 Rabbit mAb - Images



