

SEC24D Rabbit mAb
Catalog # AP76705**Specification**

SEC24D Rabbit mAb - Product Information

Application	WB
Primary Accession	O94855
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	113010

SEC24D Rabbit mAb - Additional Information**Gene ID** 9871**Other Names**
SEC24D**Dilution**
WB~~1/500-1/1000**Format**
Liquid**SEC24D Rabbit mAb - Protein Information****Name** SEC24D ([HGNC:10706](#))**Function**

Component of the coat protein complex II (COPII) which promotes the formation of transport vesicles from the endoplasmic reticulum (ER). The coat has two main functions, the physical deformation of the endoplasmic reticulum membrane into vesicles and the selection of cargo molecules for their transport to the Golgi complex (PubMed:17499046, PubMed:18843296, PubMed:20427317). Plays a central role in cargo selection within the COPII complex and together with SEC24C may have a different specificity compared to SEC24A and SEC24B (PubMed:17499046, PubMed:18843296, PubMed:20427317). May more specifically package GPI-anchored proteins through the cargo receptor TMED10 (PubMed:20427317). May also be specific for IxM motif-containing cargos like the SNAREs GOSR2 and STX5 (PubMed:18843296).

Cellular Location

Cytoplasmic vesicle, COPII-coated vesicle membrane; Peripheral membrane protein {ECO:0000250|UniProtKB:P53992}; Cytoplasmic side {ECO:0000250|UniProtKB:P53992}.
Endoplasmic reticulum membrane; Peripheral membrane protein {ECO:0000250|UniProtKB:P53992}; Cytoplasmic side {ECO:0000250|UniProtKB:P53992}.
Cytoplasm, cytosol {ECO:0000250|UniProtKB:P53992}

Tissue Location

Ubiquitously expressed, with higher amounts in placenta, pancreas, heart and liver.

SEC24D 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](#)

SEC24D Rabbit mAb - Images



