

VAMP8 Rabbit mAb
Catalog # AP76954**Specification**

VAMP8 Rabbit mAb - Product Information

Application	WB
Primary Accession	O9BV40
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	11438

VAMP8 Rabbit mAb - Additional Information**Gene ID** 8673**Other Names**

VAMP8

Dilution

WB~~1/500-1/1000

Format

Liquid

VAMP8 Rabbit mAb - Protein Information**Name** VAMP8 {ECO:0000303|PubMed:12130530}**Function**

SNAREs, soluble N-ethylmaleimide-sensitive factor-attachment protein receptors, are essential proteins for fusion of cellular membranes. SNAREs localized on opposing membranes assemble to form a trans-SNARE complex, an extended, parallel four alpha-helical bundle that drives membrane fusion. VAMP8 is a SNARE involved in autophagy through the direct control of autophagosome membrane fusion with the lysosome membrane via its interaction with the STX17-SNAP29 binary t-SNARE complex (PubMed: [23217709](http://www.uniprot.org/citations/23217709), PubMed: [25686604](http://www.uniprot.org/citations/25686604)). Also required for dense-granule secretion in platelets (PubMed: [12130530](http://www.uniprot.org/citations/12130530)). Also plays a role in regulated enzyme secretion in pancreatic acinar cells (By similarity). Involved in the abscission of the midbody during cell division, which leads to completely separate daughter cells (By similarity). Involved in the homotypic fusion of early and late endosomes (By similarity). Participates also in the activation of type I interferon antiviral response through a TRIM6-dependent mechanism (PubMed: [31694946](http://www.uniprot.org/citations/31694946)).

Cellular Location

Lysosome membrane; Single-pass type IV membrane protein. Early endosome membrane; Single-pass type IV membrane protein. Late endosome membrane; Single-pass type IV membrane protein. Cell membrane {ECO:0000250|UniProtKB:O70404}; Single-pass type IV membrane protein. Zymogen granule membrane {ECO:0000250|UniProtKB:O70404}; Single-pass type IV membrane protein. Note=Perinuclear vesicular structures of the early and late endosomes, coated pits, and trans-Golgi (By similarity) Sub-tight junctional domain in retinal pigment epithelium cells Midbody region during cytokinesis. Luminal oriented, apical membranes of nephric tubular cell (By similarity). Cycles through the apical but not through the basolateral plasma membrane (By similarity). Apical region of acinar cells; in zymogen granule membranes (By similarity) {ECO:0000250|UniProtKB:Q9WUF4}

Tissue Location

Platelets..

VAMP8 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](#)

VAMP8 Rabbit mAb - Images

