
Product Name: VAMP8 (N-term) Mouse Monoclonal Antibody**Catalog #: AMM85966**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:2000,IHC 1:100-1:500
Molecular Weight	11.4kDa

Antigen Information

Gene Name	VAMP8 (N-term)
Alternative Names	Vesicle-associated membrane protein 8, VAMP-8, Endobrevin, EDB, VAMP8
Gene ID	8673.0
SwissProt ID	Q9BV40
Immunogen	This VAMP8 antibody is generated from a mouse immunized with a KLH conjugated synthetic peptide between 2~24 amino acids from the N-terminal region of human VAMP8.

Background

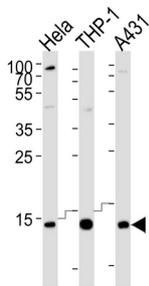
SNAREs, Soluble N-ethylmaleimide-sensitive factor- attachment protein receptors, are essential proteins for fusion of cellular membranes. SNAREs localized on opposing membranes assemble to form a trans-SNARE complex, an extended, parallel four

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. Also required for dense-granule secretion in platelets. Plays also a role in regulated enzyme secretion in pancreatic acinar cells. Involved in the abscission of the midbody during cell division, which leads to completely separate daughter cells. Involved in the homotypic fusion of early and late endosomes.

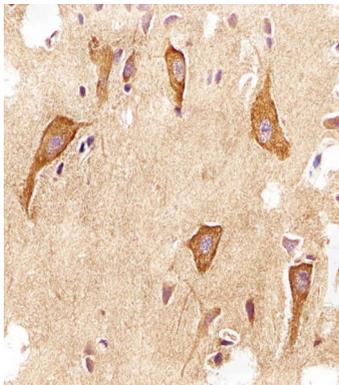
Research Area

Autophagy

Image Data



Western blot analysis of lysates from HeLa, THP-1, A431 cell line (from left to right), using VAMP8 Antibody (N-term). VAMP8 (N-term) Mouse Monoclonal Antibody was diluted at 1:1000 at each lane. A goat anti-mouse IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20µg per lane.



Immunohistochemical analysis of paraffin-embedded H. brain section using VAMP8 Antibody (N-term)(Cat#AMM85966). AMM85966 was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.