

产品名称: VAMP8 (N-term) Mouse Monoclonal Antibody
产品货号: AMM85966



产品概述 (Summary)

产品名称 (Production Name)	VAMP8 (N-term) Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	VAMP8 (N-term)
别名 (Alternative Names)	Vesicle-associated membrane protein 8, VAMP-8, Endobrevin, EDB, VAMP8
基因 ID (Gene ID)	8673.0
蛋白 ID (SwissProt ID)	Q9BV40. 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.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:2000, IHC 1:100-1:500
蛋白分子量 (Molecular Weight)	11.4kDa

研究背景 (Background)

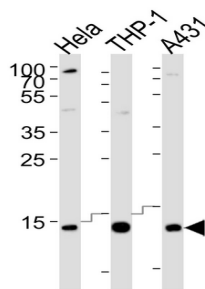
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SNAREs, Soluble N-ethylmaleimide-sensitive factor- attachment protein receptors, are essential proteins for fusion of cellular membranes. SNAREs localized on opposing membranes assemble to form a trans-SNARE complex, an extended, parallel four alpha-helical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

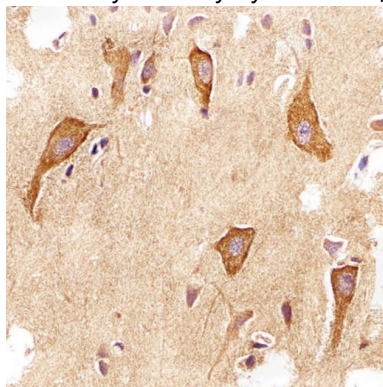
研究领域 (Research Area)

Autophagy

图片 (Image Data)



Western blot analysis of lysates from HeLa, THP-1, A431 cell line (from left to right), using VAMP8 Antibody (N-term)(Cat.#AMM85966). AMM85966 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 20 μ g 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.

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注意事项 (Note)

For research use only .