

10-6622: Mouse Monoclonal Antibody to VAMP8 (N-term)(Clone: 1414CT354.12.23.93)(Discontinued)

Clonality :	Monoclonal
Clone Name :	1414CT354.12.23.93
Application :	WB,IHC-P
Reactivity :	Human
Gene :	VAMP8
Gene ID :	8673
Uniprot ID :	Q9BV40
Format :	Purified
Alternative Name :	Vesicle-associated membrane protein 8, VAMP-8, Endobrevin, EDB, VAMP8
Isotype :	Mouse IgG1,Kappa

Description

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.

Product Info

Amount :	80 µl / 400 µl
Purification :	Protein G Chromatography
Content :	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage condition :	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term store at -20°C in small aliquots to prevent freeze-thaw cycles.

Application Note

IHC-P~1:25|| WB~1:1000-1:2000

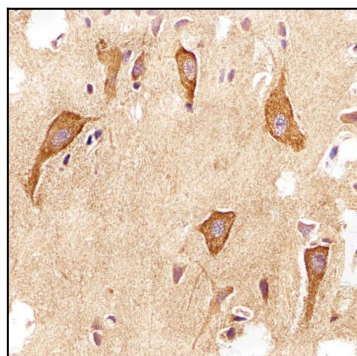


Figure 1: Immunohistochemical analysis of paraffin-embedded h brain section using VAMP8 Antibody (10-6622). VAMP8 Antibody was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

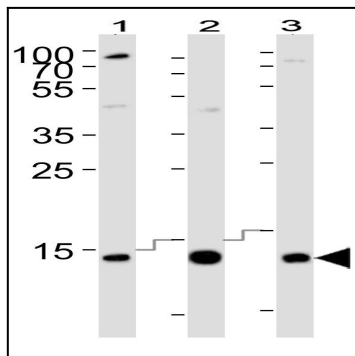


Figure 2: Western blot analysis of VAMP8 Antibody (10-6622) with Lane 1: Hela, Lane 2: THP-1, Lane 3: A431 cell line . VAMP8 Antibody was diluted at 1:1000 at each lane. A goat anti-mouse IgG H&L (HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20µg per lane.