

Anti-VAMP8 Antibody (1B8)

Product Details

Ig Type:	IgG1
Reactivity:	Human
Molecular Weight:	Theoretical: 11 kDa. Actual: 15 kDa.
Clone:	1B8
Purification:	Protein A purified

Applications

Sample:	Lane 1: Human THP-1 cell lysates Lane 2: Human HeLa cell lysates
Verified Activity:	Primary: Anti-VAMP8 (TMAB-14042) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 11 kDa Observed band size: 15 kDa
Application:	WB,IHC-P,IHC-Fr,ICC/IF,IF,ELISA
Recommended	WB: 1:500-2000; IHC-P: 1:50-200; IHC-Fr: 1:50-200; ICC/IF: 1:50-200; IF: 1:50-200; ELISA: 1:5000-10000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human VAMP8
Antigen Species:	Human
Gene ID:	8673
Uniprot ID:	Q9BV40

Research Background

Syntaxins were originally thought to be docking proteins, but have more recently been categorized as anchoring proteins that anchor themselves to the cytoplasmic surfaces of cellular membranes. Syntaxins bind to various proteins involved in exocytosis, including VAMPs (vesicle-associated membrane proteins), NSF (N-ethylmaleimide-sensitive factor), SNAPs (soluble NSF attachment proteins) and Synaptotagmin. Endobrevin, also designated VAMP-8 or ED, is a 100 amino acid single-pass type IV membrane protein that belongs to the synaptobrevin family. Similar in sequence to the synaptobrevins, endobrevin is abundantly expressed in kidney, moderately expressed in heart and spleen, and slightly expressed in brain, thymus and liver. Endobrevin interacts specifically with the SNAPs, most likely through an endobrevin-containing SNARE complex.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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