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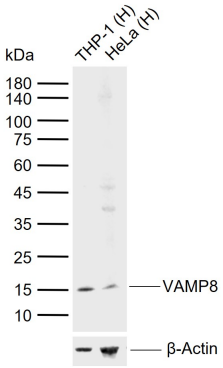
VAMP8 Mouse mAb

Catalog Number:	bsm-51432M
Target Protein:	VAMP8
Concentration:	1mg/ml
Form:	Liquid
Host:	Mouse
Clonality:	Monoclonal
Clone No.:	6A4
Isotype:	IgG1
Applications:	WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:20-200), IF (1:20-200), ICC/IF (1:20-200), ELISA (1:5000-10000)
Reactivity:	Human
Predicted MW:	11 kDa
Subcellular Locations:	Cell membrane
Entrez Gene:	8673
Swiss Prot:	Q9BV40
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
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.

VALIDATION IMAGES



Sample: Lane 1: Human THP-1 cell lysates Lane 2: Human HeLa cell lysates Primary: Anti-VAMP8 (bsm-51432M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 11 kDa Observed band size: 15 kDa