bsm-51432M

[Primary Antibody]

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VAMP8 Mouse mAb

- DATASHEET -

Host: Mouse Isotype: IgG1
Clonality: Monoclonal CloneNo.: 6A4
GeneID: 8673 SWISS: Q9BV40

Target: VAMP8

Purification: affinity purified by Protein A

Concentration: 1mg/ml

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.

Applications: WB (1:500-2000)

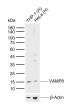
IHC-P (1:100-500) IHC-F (1:20-200) IF (1:20-200) ICC/IF (1:20-200) ELISA (1:5000-10000)

Reactivity: Human

Predicted MW.: 11 kDa

Subcellular Location: Cell membrane

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