

32-6242: Mouse Anti Human Synaptobrevin-3(Clone:Pk2A2AT.)

Clonality :	Monoclonal
Clone Name :	Pk2A2AT.
Application :	ELISA,WB
Gene :	VAMP3
Gene ID :	9341
Uniprot ID :	Q15836
Format :	Purified
Alternative Name :	VAMP3,VAMP-3,Cellubrevin,Vesicle-Associated Membrane Protein 3,Synaptobrevin-3,CEB,SYB3.
Isotype :	Mouse IgG2b heavy chain and ? light chain.
Immunogen Information :	Anti-human VAMP3 mAb is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human VAMP3 amino acids 1-77 purified from E. coli.

Description

VAMP3 is present in recycling endosomes and endosome-derived vesicles. VAMP3 has been implicated in recycling of transferrin receptors to the plasma membrane, secretion of alpha-granules in platelets, recycling of T-cell receptors to the immunological synapses, and membrane trafficking during cell migration. VAMP-3 is present in human platelets and necessary for granule secretion. Synaptobrevins are the main components of a protein complex involved in the docking and/or fusion of synaptic vesicles with the presynaptic membrane. VAMP3 high homology to other VAMPs in its broad tissue distribution and subcellular localization is shown to be the human equivalent of the rodent cellubrevin. In platelets the protein resides on a compartment that is not mobilized to the plasma membrane on calcium or thrombin stimulation.

Product Info

Amount :	20 µg
Purification :	VAMP3 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

VAMP3 antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:1,000 ~ 2,000. Recommended starting dilution is 1:1,000.