

32-6241: Mouse Anti Human Synaptobrevin-2(Clone:P3E5AT.)

Clonality :	Monoclonal
Clone Name :	P3E5AT.
Application :	ELISA,WB
Gene :	VAMP2
Gene ID :	6844
Uniprot ID :	P63027
Format :	Purified
Alternative Name :	Vesicle-associated membrane protein 2,SYB2,VAMP-2,Synaptobrevin-2,VAMP2,FLJ11460.
Isotype :	Mouse IgG1 heavy chain and ? light chain.
Immunogen Information :	Anti-human VAMP2 mAb is derived from hybridization of mouse SP2/O myeloma cells with spleen cells from BALB/c mice immunized with recombinant human VAMP2 amino acids 1-89 purified from E. coli.

Description

Synaptobrevin 2 which is an 18 kDa integral membrane protein localized to the cytoplasmic surface of synaptic vesicle, consists of a proline-rich N-terminal region, a highly conserved hydrophilic domain, followed by a transmembrane anchor and a C-terminal. Synaptobrevin 2 is predominantly expressed in Langerhans islets and glomerular cells. The N-terminal domain of the protein (residues 1-89) forms a specific SNARE complex with the target membrane-associated t- or Q-SNAREs syntaxin 1 and SNAP-25.

Product Info

Amount :	20 µg
Purification :	VAMP2 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

VAMP2 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 ~ 3,000. Recommended starting dilution is 1:2,000.