SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-VAMP3/FITC Conjugated antibody

Catalog Number: SL1952R-FITC

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-VAMP3/FITC
Immunogen:	KLH conjugated synthetic peptide derived from human VAMP-3 (60-100aa)
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted:Human)
Subcellular Location:	The cell membrane
Background:	background: Synaptobrevins/VAMPs, syntaxins, and the 25-kD synaptosomal-associated protein are the main components of a protein complex involved in the docking and/or fusion of synaptic vesicles with the presynaptic membrane. This gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family. Because of its high homology to other known VAMPs, its broad tissue distribution, and its subcellular localization, the protein encoded by this gene was 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. [provided by RefSeq, Jul 2008]. **Function:** SNARE involved in vesicular transport from the late endosomes to the trans-Golgi network. **Subcellular Location:** Membrane; Single-pass type IV membrane protein (Probable). Cell junction, synapse, synaptosome.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Post-translational modifications: Phosphorylated upon DNA damage, probably by ATM or ATR. **Similarity:** Belongs to the synaptobrevin family. Contains 1 v-SNARE coiled-coil homology domain. **Database links:** **Entrez Gene:** 9341 Human **Entrez Gene:** 22319 Mouse **Entrez Gene:** 29528 Rat Omim: 603657 Human **SwissProt:** Q15836 Human **SwissProt:** Q6FGG2 Human **SwissProt:** Q9BRV4 Human **SwissProt:** P63024 Mouse **SwissProt:** P63025 Rat **Unigene:** 66708 Human **Unigene:** 273930 Mouse **Unigene:** 162135 Rat **Unigene:** 219999 Rat Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.