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Rabbit Anti-Unc18-3 antibody

SL6462R

Product Name:	Unc18-3
Chinese Name:	突触囊泡融合蛋白Unc18-3抗体
Alias:	Munc18c; Munc 18 3; Munc18 3; Munc 18-3; STXB3_HUMAN; Syntaxin-binding protein 3; Platelet Sec1 protein; PSP; Protein unc-18 homolog 3; Protein unc-18 homolog C; Unc-18C; STXBP 3; STXBP3; Sxtbp3.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Rabbit,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	68kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Unc18-3:165-260/592
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
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 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	May participate in the regulation of synaptic vesicle docking and fusion, possibly through interaction with GTP-binding proteins. Essential for neurotransmission and binds syntaxin, a component of the synaptic vesicle fusion machinery probably in a 1:1 ratio. Can interact with syntaxins 1, 2, and 3 but not syntaxin 4. May play a role in determining the specificity of intracellular fusion reactions.

Function:
Together with STX4 and VAMP2, may play a role in insulin-dependent movement of GLUT4 and in docking/fusion of intracellular GLUT4-containing vesicles with the cell surface in adipocytes (By similarity).

Subunit:
Interacts with DOC2B; the interaction is direct, occurs at the cell membrane, excludes interaction with STX4 and regulates glucose-stimulated insulin secretion (By similarity). Interacts with STX4.

Subcellular Location:
Cytoplasm, cytosol. Cell membrane.

Tissue Specificity:
Megakaryocytes and platelets.

Similarity:
Belongs to the STXBP/unc-18/SEC1 family.

SWISS:
O00186

Gene ID:
6814

Database links:

Entrez Gene: 6814Human

Omim: 608339Human

SwissProt: O00186Human

Unigene: 530436Human

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