



Rabbit Anti-STX3 antibody

SL20171R

Product Name:	STX3
Chinese Name:	突触融合蛋白3抗体
Alias:	FLJ30906; Stx3; STX3_HUMAN; STX3A; Syntaxin 3A; Syntaxin 3; Syntaxin-3; Syntaxin3.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	33kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human STX3:201-289/289
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:	The gene is a member of the syntaxin family. The encoded protein is targeted to the apical membrane of epithelial cells where it forms clusters and is important in establishing and maintaining polarity necessary for protein trafficking involving vesicle fusion and exocytosis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2010]

Function:

Potentially involved in docking of synaptic vesicles at presynaptic active zones.

Subcellular Location:

Membrane {ECO:0000305}; Single-pass type IV membrane protein {ECO:0000305}.

Similarity:

Belongs to the syntaxin family. {ECO:0000305}.

Contains 1 t-SNARE coiled-coil homology domain.

SWISS:

Q13277

Gene ID:

6809

Database links:

[Entrez Gene: 6809](#)Human

[Entrez Gene: 20908](#)Mouse

[Entrez Gene: 81802](#)Rat

[Omim: 600876](#)Human

[SwissProt: Q13277](#)Human

[SwissProt: Q64704](#)Mouse

[SwissProt: Q08849](#)Rat

[Unigene: 180711](#)Human

[Unigene: 272264](#)Mouse

[Unigene: 10951](#)Rat

Important Note:

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