

Rabbit STX1B Polyclonal Antibody | anti-STX1B antibody

STX1B Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290949	Rabbit	Human, Mouse Predicted: Bovine, Rat, Sheep	ELISA, Western Blot

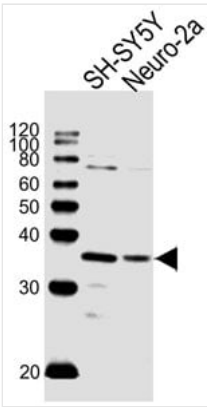
PRODUCT SYNONYMS

STX1B; Polyclonal Antibody; STX1B Antibody (Center); Syntaxin-1B; Syntaxin-1B1; Syntaxin-1B2; STX1B1; STX1B2; anti-STX1B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse Predicted: Bovine, Rat, Sheep
Clonality	Polyclonal
Isotype	Ig
Specificity	This STX1B antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 170-203 amino acids from the Central region of human STX1B.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	288
Applicable Applications for anti-STX1B antibody	ELISA, WB (Western Blot)
Antigen Source	Human
Antigen Region	170-203
Antigen Type	Synthetic Peptide
Cellular Location	[Isoform 1]: Membrane; Single-pass type IV membrane protein
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
All lanes : Anti-STX1B Antibody (Center) at 1:1000 dilution
Lane 1: SH-SY5Y whole cell lysates
Lane 2: Neuro-2a whole cell lysates
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 33 kDa
Blocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-STX1B antibody	Description: Purified Rabbit Polyclonal Antibody (Pab) Background: Potentially involved in docking of synaptic vesicles at presynaptic active zones. May mediate Ca(2+)-regulation of exocytosis acrosomal reaction in sperm (By similarity).
References	Pereira S.,et al.Gene 423:160-171(2008). Fujiwara T.,et al.Submitted (AUG-1994) to the EMBL/GenBank/DDBJ databases. Gastaldi M.,et al.Submitted (MAR-2001) to the EMBL/GenBank/DDBJ databases. Martin J.,et al.Nature 432:988-994(2004). Rigbolt K.T.,et al.Sci. Signal. 4:RS3-RS3(2011).

NCBI AND UNIPROT INFORMATION

NCBI GI #	16418379
NCBI GeneID	112755
NCBI Accession #	NP_443106.1
NCBI GenBank Nucleotide #	NP_443106.1
UniProt Accession #	P61266; P61265; P61264; P61267; P61268
Molecular Weight	Calculated MW: H=33,32; M=33; R=33 KDa
NCBI Official Full Name	syntaxin-1B
NCBI Official Synonym Full Names	syntaxin 1B
NCBI Official Symbol	STX1B
NCBI Official Synonym Symbols	GEFSP9; STX1B1; STX1B2
NCBI Protein Information	syntaxin-1B
UniProt Protein Name	Syntaxin-1B
UniProt Gene Name	STX1B
UniProt Synonym Gene Names	STX1B1; STX1B2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

