

Rabbit STX16 Polyclonal Antibody | anti-STX16 antibody

STX16 Antibody (C-term)

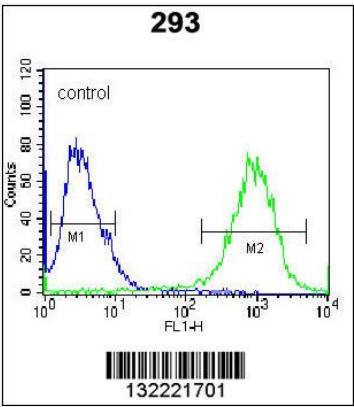
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286375	Rabbit	Human (Predicted Reactivity: Mouse)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

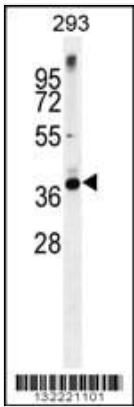
STX16; Polyclonal Antibody; STX16 Antibody (C-term); Syntaxin-16; Syn16; anti-STX16 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This STX16 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 247-274 amino acids from the C-terminal region of human STX16.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	247-274
Sequence Length	325
Applicable Applications for anti-STX16 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
STX16 Antibody (C-term) flow cytometric analysis of 293 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
STX16 Antibody (C-term) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the STX16 antibody detected the STX16 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-STX16 antibody	This gene encodes a protein that is a member of the syntaxin or t-SNARE (target-SNAP receptor) family. These proteins are found on cell membranes and serve as the targets for V-SNARES (vesicle-SNAP receptors) permitting specific synaptic vesicle docking and fusion. A microdeletion in the region of chromosome 20 where this gene is located has been associated with pseudohypoparathyroidism type 1b. Multiple transcript variants encoding different isoforms have been found for this gene.
References	Song, S.J., et al. Cancer Res. 69(22):8540-8544(2009) Ganley, I.G., et al. J. Cell Biol. 180(1):159-172(2008) Chua, C.E., et al. Mol. Membr. Biol. 25(1):35-45(2008) Amessou, M., et al. J. Cell. Sci. 120 (PT 8), 1457-1468 (2007) : Linglart, A., et al. Am. J. Hum. Genet. 76(5):804-814(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	47778943
NCBI GeneID	8675
NCBI Accession #	NP_001001433.1; NP_001128244.1; NP_001128245.1; NP_001191797.1; NP_003754.2
NCBI GenBank Nucleotide #	NM_001001433.2
UniProt Accession #	O14662; O14661; O14663; O60517; A6NK32; A6NN69; A8MPP0; B7ZBN1; B7ZBN2; B7ZBN3; E1P5M0; E1P607
Molecular Weight	37031
NCBI Official Full Name	syntaxin-16 isoform a
NCBI Official Synonym Full Names	syntaxin 16
NCBI Official Symbol	STX16
NCBI Official Synonym Symbols	SYN16
NCBI Protein Information	syntaxin-16
UniProt Protein Name	Syntaxin-16
UniProt Gene Name	STX16

UniProt Synonym Gene Names	Syn16
UniProt Entry Name	STX16_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/stx16-antibody-flow-cytometry-western-blot-elisa/286375>