

Rabbit Syntaxin 16 Polyclonal Antibody | anti-STX16 antibody

Syntaxin 16 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323154	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

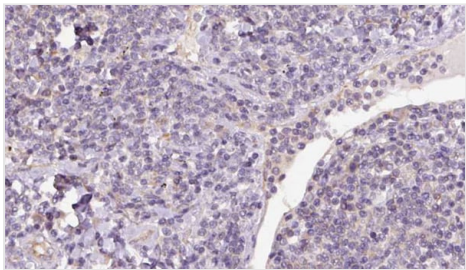
PRODUCT SYNONYMS

Syntaxin 16; Polyclonal Antibody; Syntaxin 16 Antibody; hsyn16; MGC90328; Stx16; STX16_HUMAN; Syn16; Syntaxin-16; anti-STX16 antibody

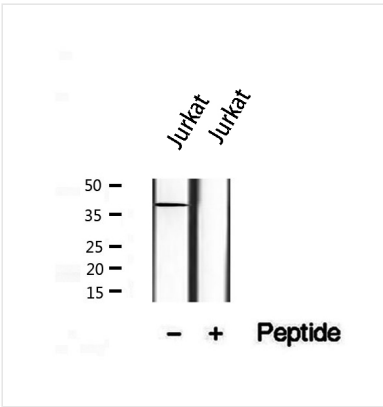
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Syntaxin 16 antibody detects endogenous levels of Syntaxin 16.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	325
Applicable Applications for anti-STX16 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Syntaxin 16.
Subcellular Location	Cytoplasm and Golgi Apparatus Membrane.
Tissue Specificity	Ubiquitous.
Predicted Cross Reactivity	Bovine, Dog
Similarity	Bovine (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA323154 at 1/100 staining Human lymph cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of extracts from Jurkat, using Syntaxin 16 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-STX16 antibody	Function: SNARE involved in vesicular transport from the late endosomes to the trans-Golgi network. Subunit Structure: Interacts with GCC2 (PubMed:18195106). Interacts with BAIAP3; this interaction is increased in the presence of calcium (PubMed:28626000). Similarity: Belongs to the syntaxin family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47778943
NCBI GeneID	8675
NCBI Accession #	NP_001001433.1
NCBI GenBank Nucleotide #	NM_001001433.2
UniProt Accession #	O14662; O14661; O14663; O60517; A6NK32; A6NN69; A8MPP0; B7ZBN1; B7ZBN2; B7ZBN3; E1P5M0; E1P607
Molecular Weight	Observed: 42 kDa Predicted: 38 kDa
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

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.