

Rabbit STX7 Polyclonal Antibody | anti-STX7 antibody

STX7 Antibody (N-term)

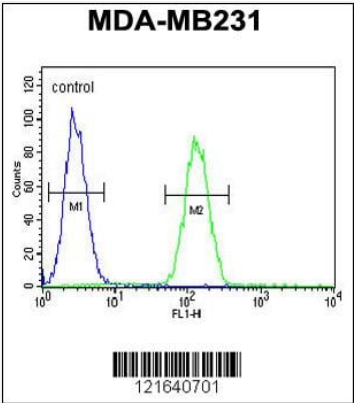
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289425	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

STX7; Polyclonal Antibody; STX7 Antibody (N-term); Syntaxin-7; anti-STX7 antibody

PRODUCT SPECIFICATIONS

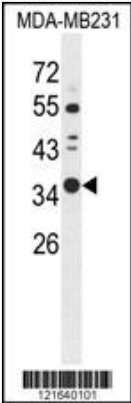
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This STX7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 47-73 amino acids from the N-terminal region of human STX7.
Purity/Purification	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	47-73
Sequence Length	239
Applicable Applications for anti-STX7 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), 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)
STX7 Antibody (N-term) flow cytometric analysis of MDA-MB231 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
STX7 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the STX7 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of STX7 Antibody (N-term) in MDA-MB231 cell line lysates (35ug/lane). STX7 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-STX7 antibody	Syntaxin 7 is involved in the ordered fusion of endosomes and lysosomes with the phagosome, where phagocytic cells kill and degrade internalized foreign particles. Syntaxin 7 is found in late endosomes and lysosomes; whereas Syntaxin 12 is localized to the recycling endosome compartment, both are recruited to the phagosome. However, STX12 is acquired earlier before rapidly recycling off the phagosome, whereas STX7 is recruited later and continues to accumulate throughout the phagosome maturation process.
Product Categories/Family for anti-STX7 antibody	Signal Transduction
References	Prekeris, R., et al. Mol. Biol. Cell 10(11):3891-3908(1999) Steehmaier, M., et al. J. Biol. Chem. 273(51):34171-34179(1998) Wong, S.H., et al. J. Biol. Chem. 273(1):375-380(1998) Wang, H., et al. Gene 199 (1-2), 39-48 (1997)

NCBI AND UNIPROT INFORMATION

NCBI GI #	170932494
NCBI GeneID	8417
NCBI Accession #	NP_003560.2

NCBI GenBank Nucleotide #	NM_003569.2
UniProt Accession #	O15400; Q5SZW2; Q96ES9; E1P579
Molecular Weight	29816
NCBI Official Full Name	syntaxin-7
NCBI Official Synonym Full Names	syntaxin 7
NCBI Official Symbol	STX7
NCBI Protein Information	syntaxin-7
UniProt Protein Name	Syntaxin-7
UniProt Gene Name	STX7
UniProt Entry Name	STX7_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/stx7-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289425>