

Rabbit STX5 Polyclonal Antibody | anti-STX5 antibody

STX5 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA176385	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

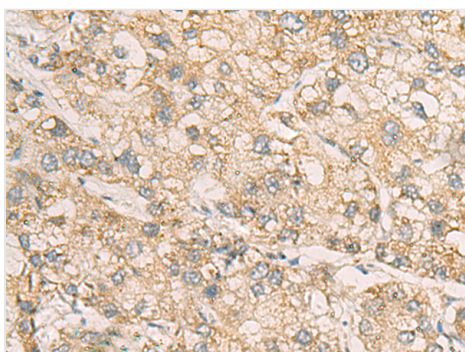
PRODUCT SYNONYMS

STX5; Polyclonal Antibody; STX5 Polyclonal Antibody; OTTHUMP00000185028; SED5; STX5A; Syntaxin 5; Syntaxin 5A; Syntaxin-5; Syntaxin5; Syntaxin5A; anti-STX5 antibody

PRODUCT SPECIFICATIONS

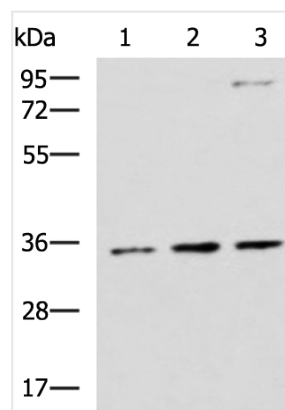
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	1.14mg/mL (varies by lot)
Sequence Length	301
Applicable Applications for anti-STX5 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human STX5
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using STX5 Polyclonal Antibody at dilution of 1:70(×200)



WB (Western Blot)

Western blot analysis of HepG2 A431 and Raji cell lysates using STX5 Polyclonal Antibody at dilution of 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-STX5 antibody	The membrane protein syntaxin 5 (STX5) is a key component of soluble N-ethylmaleimide-sensitive factor attachment protein (SNAP) receptor (SNARE) complexes that regulate cellular protein transport, vesicle docking, and membrane fusion. Syntaxin 5 protein is found as a 42 kDa ("long") protein localized to the Golgi complex and endoplasmic reticulum, and a "short" 35 kDa isoform localized primarily to the Golgi. Formation of the syntaxin 5 SNARE complex, which also includes proteins Sec22B, Bet1, GOSR1, GOSR2, and Ykt6, allows for regulation of ER-to-Golgi transport, intra-Golgi transport, and endosome-to-Golgi retrograde transport. Research studies indicate that the syntaxin 5 SNARE complex also plays an essential role in autophagy following autophagosome formation. Intracellular protein transport mediated by the syntaxin 5 complex is required for transport and localized activity of lysosomal proteases. The experimental reduction or deletion of syntaxin 5 complex components results in non-functional lysosomes and accumulation of autophagosomes.
Product Categories/Family for anti-STX5 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	886071
NCBI GeneID	6811
UniProt Accession #	Q13190
Molecular Weight	40 kDa
NCBI Official Full Name	syntaxin 5
NCBI Official Synonym Full Names	syntaxin 5
NCBI Official Symbol	STX5
NCBI Official Synonym Symbols	SED5; STX5A
NCBI Protein Information	syntaxin-5
UniProt Protein Name	Syntaxin-5
UniProt Gene Name	STX5
UniProt Synonym Gene Names	STX5A

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://www.aaabiotech.com/polyclonal/stx5-antibody-immunohistochemistry-western-blot-elisa/176385>