

Rabbit anti-Human, mouse STX2 Polyclonal Antibody | anti-STX2 antibody

STX2 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287203	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

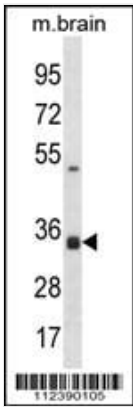
PRODUCT SYNONYMS

STX2; Polyclonal Antibody; STX2 Antibody (Center); Syntaxin-2; Epimorphin; EPIM; STX2A; STX2B; STX2C; anti-STX2 antibody

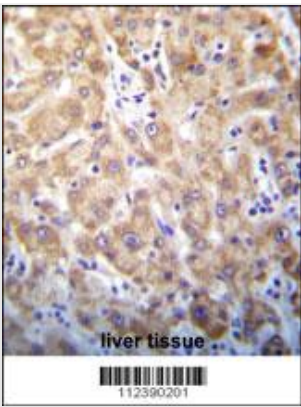
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This STX2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 123-152 amino acids from the Central region of human STX2.
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: 0.37 (varies by lot)
Sequence Positions	123-152
Sequence Length	277
Applicable Applications for anti-STX2 antibody	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.

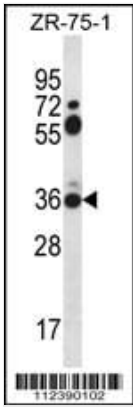
IMAGES



WB (Western Blot)
STX2 Antibody (Center) western blot analysis in mouse brain tissue lysates (35ug/lane).This demonstrates the STX2 antibody detected the STX2 protein (arrow).



IHC (Immunohiostchemistry)
STX2 Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of STX2 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
STX2 Antibody (Center) western blot analysis in ZR-75-1 cell line lysates (35ug/lane).This demonstrates the STX2 antibody detected the STX2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-STX2 antibody	The product of this gene belongs to the syntaxin/epimorphin family of proteins. The syntaxins are a large protein family implicated in the targeting and fusion of intracellular transport vesicles. The product of this gene regulates epithelial-mesenchymal interactions and epithelial cell morphogenesis and activation. Alternatively spliced transcript variants encoding different isoforms have been identified.
Product Categories/Family for anti-STX2 antibody	Cancer; Neuroscience; Signal transduction
References	Chen, C.S., et al. J. Biol. Chem. 284(11):6877-6884(2009) Okugawa, Y., et al. J. Invest. Dermatol. 128(8):1884-1893(2008) Flaumenhaft, R., et al. Blood 110(5):1492-1501(2007) Low, S.H., et al. Mol. Biol. Cell 17(2):977-989(2006) Band, A.M., et al. BMC Cell Biol. 6 (1), 26 (2005) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	37577287
NCBI GeneID	2054

NCBI Accession #	NP_001971.2 ; NP_919337.1
NCBI GenBank Nucleotide #	NM_001980.3
UniProt Accession #	P32856 ; Q86VW8
Molecular Weight	33341
NCBI Official Full Name	syntaxin-2 isoform 1
NCBI Official Synonym Full Names	syntaxin 2
NCBI Official Symbol	STX2
NCBI Official Synonym Symbols	EPM; EPIM; STX2A; STX2B; STX2C
NCBI Protein Information	syntaxin-2
UniProt Protein Name	Syntaxin-2
UniProt Gene Name	STX2
UniProt Synonym Gene Names	EPIM; STX2A; STX2B; STX2C
UniProt Entry Name	STX2_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/stx2-antibody-immunohistochemistry-western-blot-elisa/287203>