

Rabbit Syntaxin 2 Polyclonal Antibody | anti-STX2 antibody

Syntaxin 2 Antibody

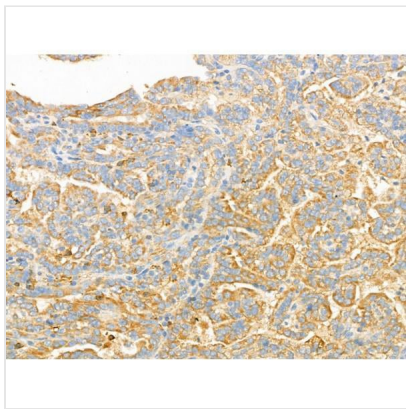
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328933	Rabbit	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Horse(100%), Sheep(100%), Rabbit(100%), Dog(100%)	ELISA

PRODUCT SYNONYMS

Syntaxin 2; Polyclonal Antibody; Syntaxin 2 Antibody; EPIM; Epimorphin; EPM; MGC51014; OTTHUMP00000238636; OTTHUMP00000238637; Stx2; STX2_HUMAN; STX2A; STX2B; STX2C; Syntaxin 2A; Syntaxin 2B; Syntaxin 2C; Syntaxin-2; anti-STX2 antibody

PRODUCT SPECIFICATIONS

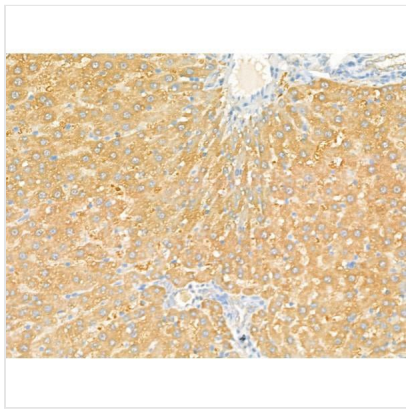
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Pig(100%), Horse(100%), Sheep(100%), Rabbit(100%), Dog(100%)
Clonality	Polyclonal
Isotype	IgG
Specificity	Syntaxin 2 Antibody detects endogenous levels of total Syntaxin 2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	287
Applicable Applications for anti-STX2 antibody	ELISA
Immunogen	A synthesized peptide derived from human Syntaxin 2, corresponding to a region within the internal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



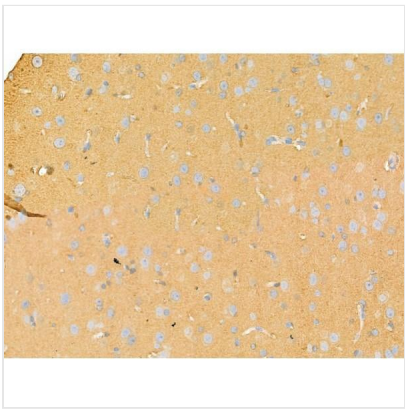
IHC (Immunohistochemistry)
AAA328933 at 1/100 staining Human kidney cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



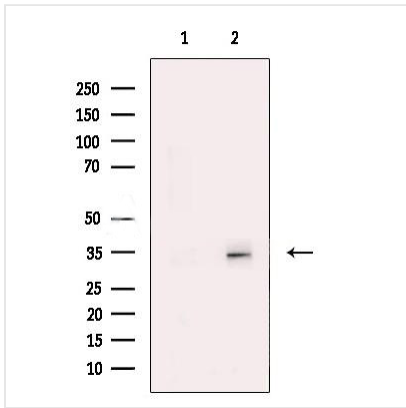
IHC (Immunohistochemistry)
AAA328933 at 1/100 staining Mouse brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)
AAA328933 at 1/100 staining Rat liver 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 primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohistochemistry)
AAA328933 at 1/100 staining Rat brain 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 primary antibody at 4Â°C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from Rat Brain, using Syntxin 2 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-STX2 antibody	Function: Essential for epithelial morphogenesis. May mediate Ca(2+)-regulation of exocytosis acrosomal reaction in sperm.
	Subcellular Location: Membrane>Single-pass type IV membrane protein.
	Subunit Structure: Interacts with SYT6 and SYT8; the interaction is Ca(2+)-dependent.
	Similarity: Belongs to the syntaxin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	37577287
NCBI GeneID	2054
NCBI Accession #	NP_001971.2
NCBI GenBank Nucleotide #	NP_001971.2
UniProt Accession #	P32856
Molecular Weight	Observed Molecular Weight: (Observed)33kD. Predicted Molecular Weight: (Calculated)33kDa.
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/syntaxin-2-antibody-elisa/328933>