STX4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	STX4, Polyclonal Antibody
Full Product Name	STX4 (Center) Rabbit pAb
Product Gene Name	anti-STX4 antibody
Product Synonym Names	Syntaxin-4; Renal carcinoma antigen NY-REN-31; STX4; STX4A
Clonality	Polyclonal
Isotype	Ig
Clone Number	RB39372
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied in PBS with 0.09% (W/V) Sodium Azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Purity/Purification	Affinity Purified
OMIM	186591
3D Structure	ModBase 3D Structure for Q12846
Immunogen	This STX4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 132-160 amino acids from the central region of human STX4.
Cellular Localization	Cell Membrane, Membrane
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-STX4 antibody	Western Blot (WB)
Application Notes for anti-STX4 antibody	WB: 1:1000
Related Product Information for anti-STX4 antibody	MBS8553311 is an antibody targeting STX4. Also known as STX4 (Center) Rabbit pAb. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-STX4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for STX4. It may not necessarily be applicable to this product.

NCBI GI #	3041737
NCBI GeneID	6810
NCBI Accession #	Q12846.2
UniProt Primary Accession #	Q12846
UniProt Related Accession #	Q12846

NCBI Official Full Name	Syntaxin-4
NCBI Official Synonym Full Names	syntaxin 4
NCBI Official Symbol	STX4
NCBI Official Synonym Symbols	STX4A; p35-2
UniProt Protein Name	Syntaxin-4
UniProt Synonym Protein Names	Renal carcinoma antigen NY-REN-31
Protein Family	Syntaxin-binding protein
UniProt Gene Name	STX4
UniProt Synonym Gene Names	STX4A
UniProt Entry Name	STX4_HUMAN
NCBI Protein Information	syntaxin-4
UniProt Comments for STX4	STX4: a protein of the syntaxin/epimorphin family. Contains 1 t-SNARE coiled-coil homology domain. Potentially involved in docking of synaptic vesicles at presynaptic active zones. Interacts with SNAP23 and SNAP25BP. Found in a complex with VAMP8 and SNAP23 in pancreas. Protein type: Vesicle; Membrane protein, integral Chromosomal Location of Human Ortholog: 16p11.2 Cellular Component: extracellular space; specific granule; cell surface; lateral loop; basolateral plasma membrane; integral to membrane; dendritic spine; trans-Golgi network; cytosol; SNARE complex; synaptic vesicle; membrane; perinuclear region of cytoplasm; lamellipodium; plasma membrane; vacuole; synapse; intracellular; endosome Molecular Function: sphingomyelin phosphodiesterase activator activity; SNAP receptor activity; SNARE binding; protein binding Biological Process: positive regulation of catalytic activity; platelet activation; positive regulation of cell adhesion; organelle fusion; positive regulation of eosinophil degranulation; positive regulation of chemotaxis; positive regulation of immunoglobulin secretion; synaptic vesicle fusion to presynaptic membrane; regulation of exocytosis; intracellular protein transport; response to hydroperoxide; vesicle docking; positive regulation of cell proliferation; post-Golgi vesicle-mediated transport; blood coagulation; positive regulation of cell migration
Research Articles on STX4	**1.** Nitric Oxide Generated by Tumor-Associated Macrophages Is Responsible for Cancer Resistance to Cisplatin and Correlated With Syntaxin 4 and Acid Sphingomyelinase Inhibition.
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