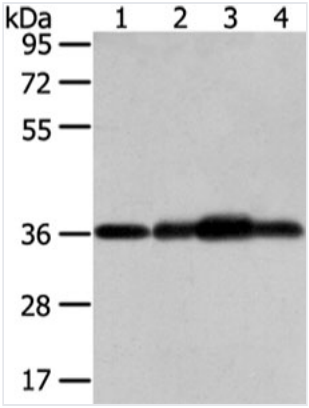
STX12 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	STX12, Polyclonal Antibody
Full Product Name	STX12 Antibody
Product Gene Name	anti-STX12 antibody
Product Synonym Names	STX13; STX14
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Purity/Purification	Antigen Affinity Purification
Concentration	2.1 mg/ml (lot specific)
Specificity	The antibody detects endogenous levels of total STX12 protein.
Preparation and Storage	Store at -20°C
OMIM	606892
3D Structure	ModBase 3D Structure for Q86Y82
Immunogen Type	Protein
Immunogen Description	Full length fusion protein of human STX12
Calculated MW	32kd
Product Categories/Family for anti-STX12 antibody	Total protein Ab
Applications Tested/Suitable for anti-STX12 antibody	Western Blot (WB)
Application Notes for anti-STX12 antibody	Western Blot: 1:1000-1:5000 Immunohistochemistry: 1:30-1:150
Related Product Information for anti-STX12 antibody	Syntaxin 12, also known as STX12, STX13 or STX14, is a 276 amino acid single-pass membrane protein that contains one t-SNARE coiled-coil homology domain and belongs to the Syntaxin family. Syntaxin 12 regulates protein transport between late endosomes and the trans-Golgi network and interacts with ABC1 (ATP-binding cassette transporter A1), a protein that facilitates cellular release of choline-phospholipids and cholesterol to apoA-I (apolipoprotein A-I).
Other Notes	Small volumes of anti-STX12 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.
Searchable Terms for STX12 purchase	MBS9415650 is an antibody targeting STX12. Also known as STX12 Antibody. Reactive in Human, Mouse. Host: Rabbit.



Western Blot (WB) of anti-STX12 antibody
Gel: 8%SDS-PAGE Lysate: 40 ? g Lane 1-4: Mouse brain tissue, hepg2, 293T and 231 cell
Primary antibody: 1/800 dilution Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 5 seconds

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for STX12. It may not necessarily be applicable to this product.

NCBI GI #	28933465
NCBI GeneID	23673
NCBI Accession #	NP_803173.1
UniProt Primary Accession #	Q86Y82
UniProt Secondary Accession #	O95564; B1AJQ7
UniProt Related Accession #	Q86Y82
GenBank Nucleotide #	NM_177424.2
NCBI Official Full Name	syntaxin-12
NCBI Official Synonym Full Names	syntaxin 12
NCBI Official Symbol	STX12
NCBI Official Synonym Symbols	STX13; STX14
UniProt Protein Name	Syntaxin-12
Protein Family	Syntaxin
UniProt Gene Name	STX12
UniProt Entry Name	STX12_HUMAN
NCBI Protein Information	syntaxin-12

UniProt Comments for STX12	STX12: SNARE that acts to regulate protein transport between late endosomes and the trans-Golgi network. The SNARE complex containing STX6, STX12, VAMP4 and VTI1A mediates vesicle fusion (in vitro). Belongs to the syntaxin family. Protein type: Membrane protein, integral; Vesicle Chromosomal Location of Human Ortholog: 1p35.3 Cellular Component: endomembrane system; integral to membrane; lipid raft; phagocytic vesicle; SNARE complex; vesicle Molecular Function: protein binding; SNAP receptor activity; SNARE binding Biological Process: autophagic vacuole formation; cholesterol efflux; intracellular protein transport; protein stabilization; vesicle docking; vesicle fusion
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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