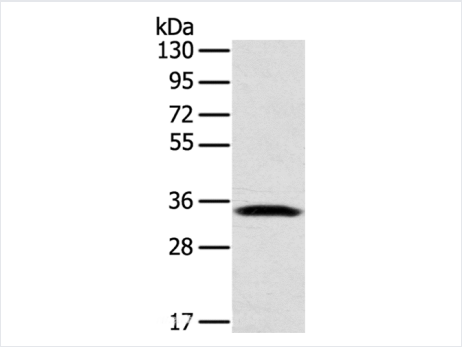
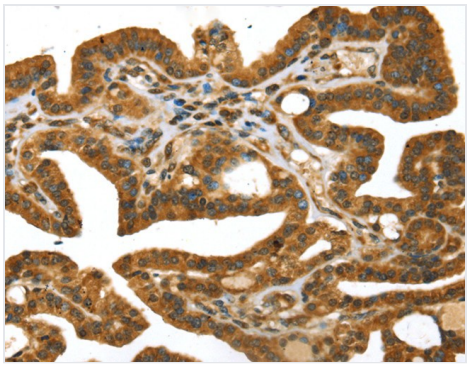
STX11 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	STX11, Polyclonal Antibody
Full Product Name	STX11 Polyclonal Antibody
Product Gene Name	anti-STX11 antibody
Product Synonym Names	FHL4; HLH4; HPLH4
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purity/Purification	Antigen affinity purification
Concentration	1.6mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.
Molecular Weight	33,196 Da
OMIM	603552
Immunogen	Recombinant protein of human STX11
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-STX11 antibody	ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-STX11 antibody	WB: 1:500-1:2000 IHC: 1:25-1:100
Related Product Information for anti-STX11 antibody	This gene encodes a member of the syntaxin family. Syntaxins have been implicated in the targeting and fusion of intracellular transport vesicles. This family member may regulate protein transport among late endosomes and the trans-Golgi network. Mutations in this gene have been associated with familial hemophagocytic lymphohistiocytosis.
Other Notes	Small volumes of anti-STX11 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 STX11 purchase	MBS2527305 is an antibody targeting STX11. Also known as STX11 Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-STX11 antibody
Western Blot analysis of Mouse lung tissue using STX11 Polyclonal Antibody at dilution of 1:400



Immunohistochemistry (IHC) of anti-STX11 antibody
Immunohistochemistry of paraffin-embedded Human thyroid cancer using STX11 Polyclonal Antibody at dilution of 1:30

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for STX11. It may not necessarily be applicable to this product.

NCBI GI #	33667038
NCBI GeneID	8676
NCBI Accession #	NP_003755.2
UniProt Secondary Accession #	O75378; O95148; Q5TCL6; E1P598
UniProt Related Accession #	O75558
GenBank Nucleotide #	NM_003764.3
NCBI Official Full Name	syntaxin-11
NCBI Official Synonym Full Names	syntaxin 11
NCBI Official Symbol	STX11
NCBI Official Synonym Symbols	FHL4; HLH4; HPLH4
UniProt Protein Name	Syntaxin-11
Protein Family	Syntaxin
UniProt Gene Name	STX11
UniProt Entry Name	STX11_HUMAN
NCBI Protein Information	syntaxin-11

UniProt Comments for STX11	STX11: SNARE that acts to regulate protein transport between late endosomes and the trans-Golgi network. Defects in STX11 are the cause of familial hemophagocytic lymphohistiocytosis type 4 (FHL4); also known as HPLH4. Familial hemophagocytic lymphohistiocytosis (FHL) is a genetically heterogeneous, rare autosomal recessive disorder. It is characterized by immune dysregulation with hypercytokinemia and defective natural killer cell function. The clinical features of the disease include fever, hepatosplenomegaly, cytopenia, hypertriglyceridemia, hypofibrinogenemia, and neurological abnormalities ranging from irritability and hypotonia to seizures, cranial nerve deficits, and ataxia. Hemophagocytosis is a prominent feature of the disease, and a non-malignant infiltration of macrophages and activated T-lymphocytes in lymph nodes, spleen, and other organs is also found. Belongs to the syntaxin family. Chromosomal Location of Human Ortholog: 6q24.2 Cellular Component: SNARE complex; Golgi apparatus; synaptic vesicle; plasma membrane; integral to membrane; endomembrane system Molecular Function: SNAP receptor activity; protein binding; SNARE binding Biological Process: synaptic vesicle fusion to presynaptic membrane; intracellular protein transport; vesicle docking; natural killer cell degranulation; neutrophil degranulation; cytotoxic T cell degranulation Disease: Hemophagocytic Lymphohistiocytosis, Familial, 4
Research Articles on STX11	**1.** Stx11 functions as a t-SNARE for the final fusion of LG at the IS.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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