

STXBP2 Rabbit pAb

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Catalog # AP54997

Product Information

Application	WB
Primary Accession	Q15833
Reactivity	Human
Predicted	Mouse, Rat, Pig, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	66453
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human STXBP2
Epitope Specificity	161-260/593
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the STXBP/unc-18/SEC1 family.
SUBUNIT	Interacts with STX1A, STX2 and STX3 (By similarity). Interacts with STX11.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a member of the STXBP/unc-18/SEC1 family. The encoded protein is involved in intracellular trafficking, control of SNARE (soluble NSF attachment protein receptor) complex assembly, and the release of cytotoxic granules by natural killer cells. Mutations in this gene are associated with familial hemophagocytic lymphohistiocytosis. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq, Jan 2013]

Additional Information

Gene ID	6813
Other Names	Syntaxin-binding protein 2, Protein unc-18 homolog 2, Unc18-2, Protein unc-18 homolog B, Unc-18B, STXBP2, UNC18B
Target/Specificity	Placenta, lung, liver, kidney and pancreas, as well as in peripheral blood lymphocytes.
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

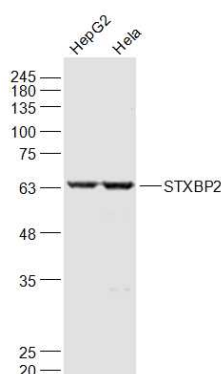
Protein Information

Name	STXBP2
Synonyms	UNC18B
Function	Involved in intracellular vesicle trafficking and vesicle fusion with membranes. Contributes to the granule exocytosis machinery through interaction with soluble N-ethylmaleimide-sensitive factor attachment protein receptor (SNARE) proteins that regulate membrane fusion. Regulates cytotoxic granule exocytosis in natural killer (NK) cells.
Tissue Location	Placenta, lung, liver, kidney and pancreas, as well as in peripheral blood lymphocytes

Background

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Images



Sample:

HepG2(Human) Cell Lysate at 30 ug

HeLa(Human) Cell Lysate at 30 ug

Primary: Anti-STXBP2 (AP54997) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 66 kD

Observed band size: 66 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.