

# STXBP2 Rabbit pAb

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Catalog # AP54997

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q15833</a>
<b>Reactivity</b>	Human
<b>Predicted</b>	Mouse, Rat, Pig, Horse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	66453
<b>Physical State</b>	Liquid
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human STXBP2
<b>Epitope Specificity</b>	161-260/593
<b>Isotype</b>	IgG
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>SIMILARITY</b>	Belongs to the STXBP/unc-18/SEC1 family.
<b>SUBUNIT</b>	Interacts with STX1A, STX2 and STX3 (By similarity). Interacts with STX11.
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Background Descriptions</b>	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

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<b>Gene ID</b>	6813
<b>Other Names</b>	Syntaxin-binding protein 2, Protein unc-18 homolog 2, Unc18-2, Protein unc-18 homolog B, Unc-18B, STXBP2, UNC18B
<b>Target/Specificity</b>	Placenta, lung, liver, kidney and pancreas, as well as in peripheral blood lymphocytes.
<b>Dilution</b>	WB=1:500-2000
<b>Storage</b>	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

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<b>Name</b>	STXBP2
<b>Synonyms</b>	UNC18B
<b>Function</b>	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.
<b>Tissue Location</b>	Placenta, lung, liver, kidney and pancreas, as well as in peripheral blood lymphocytes

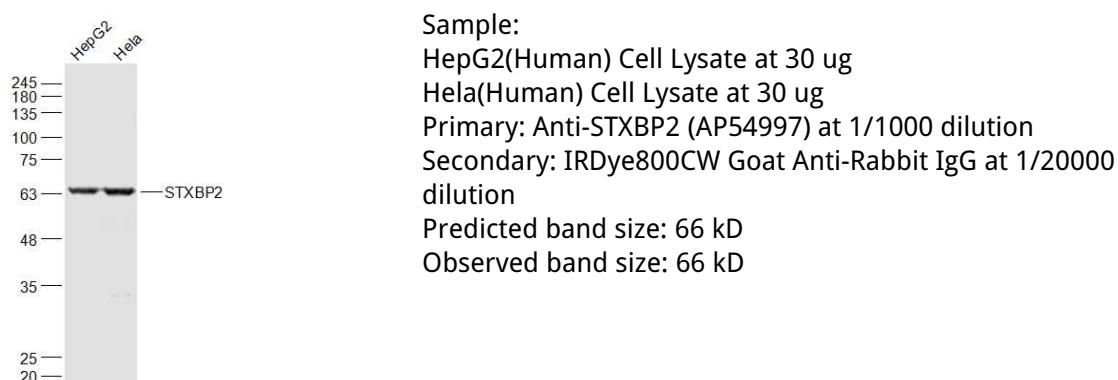
## Background

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## Images

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