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STXBP6 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17934c

Product Information

Application	WB, E
Primary Accession	Q8NFX7
Other Accession	NP_054897.4
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB38006
Calculated MW	23554
Antigen Region	71-97

Additional Information

Gene ID	29091
Other Names	Syntaxin-binding protein 6, Amisyn, STXBP6
Target/Specificity	This STXBP6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 71-97 amino acids from the Central region of human STXBP6.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	STXBP6 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	STXBP6
Function	Forms non-fusogenic complexes with SNAP25 and STX1A and may thereby modulate the formation of functional SNARE complexes and exocytosis.

Cellular Location	Cytoplasm. Membrane; Peripheral membrane protein
Tissue Location	Detected at low levels in brain, and at very low levels in heart, adrenal gland, testis, liver and kidney

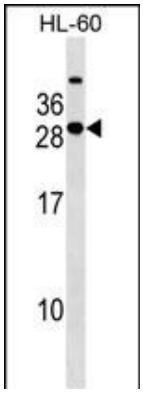
Background

STXBP6 binds components of the SNARE complex (see MIM 603215) and may be involved in regulating SNARE complex formation (Scales et al., 2002 [PubMed 12145319]).

References

Rose, J. Phd, et al. Mol. Med. (2010) In press :
Heilig, R., et al. Nature 421(6923):601-607(2003)
Scales, S.J., et al. J. Biol. Chem. 277(31):28271-28279(2002)

Images



STXBP6 Antibody (Center) (Cat. #AP17934c) western blot analysis in HL-60 cell line lysates (35ug/lane).This demonstrates the STXBP6 antibody detected the STXBP6 protein (arrow).

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