

STX6 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP16043c

Product Information

Application	WB, E
Primary Accession	O43752
Other Accession	NP_005810.1
Reactivity	Human
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB35270
Calculated MW	29176
Antigen Region	121-149

Additional Information

Gene ID	10228
Other Names	Syntaxin-6, STX6
Target/Specificity	This STX6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 121-149 amino acids from the Central region of human STX6.
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	STX6 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	STX6
Function	SNARE promoting movement of transport vesicles to target membranes. Targets endosomes to the trans-Golgi network, and may therefore function in retrograde trafficking. Together with SNARE STX12, promotes movement of

vesicles from endosomes to the cell membrane, and may therefore function in the endocytic recycling pathway.

Cellular Location

Golgi apparatus membrane; Single-pass type IV membrane protein. Golgi apparatus, trans-Golgi network membrane {ECO:0000250|UniProtKB:Q63635}; Single-pass type IV membrane protein. Recycling endosome membrane {ECO:0000250|UniProtKB:Q63635}; Single-pass type IV membrane protein

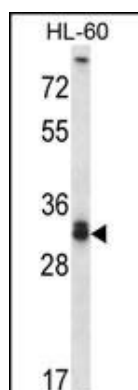
Background

STX6 is involved in intracellular vesicle trafficking.

References

Cheng, J., et al. Mol. Biol. Cell 21(7):1178-1187(2010)
Zhang, Y., et al. J. Biol. Chem. 283(45):30689-30698(2008)
Matsuoka, S., et al. Science 316(5828):1160-1166(2007)
Nakamura, N., et al. Mol. Biol. Cell 16(4):1696-1710(2005)
Huynh, H., et al. Nat. Cell Biol. 6(9):831-839(2004)

Images



STX6 Antibody (Center) (Cat. #AP16043c) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the STX6 antibody detected the STX6 protein (arrow).

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