

Goat Anti-STX6 Antibody
Peptide-affinity purified goat antibody
Catalog # AF2049a**Specification**

Goat Anti-STX6 Antibody - Product Information

Application	WB, E
Primary Accession	O43752
Other Accession	NP_005810 , 10228 , 58244 (mouse) , 60562 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	29176

Goat Anti-STX6 Antibody - Additional Information**Gene ID** 10228**Other Names**

Syntaxin-6, STX6

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-STX6 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-STX6 Antibody - 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

Goat Anti-STX6 Antibody - Protocols

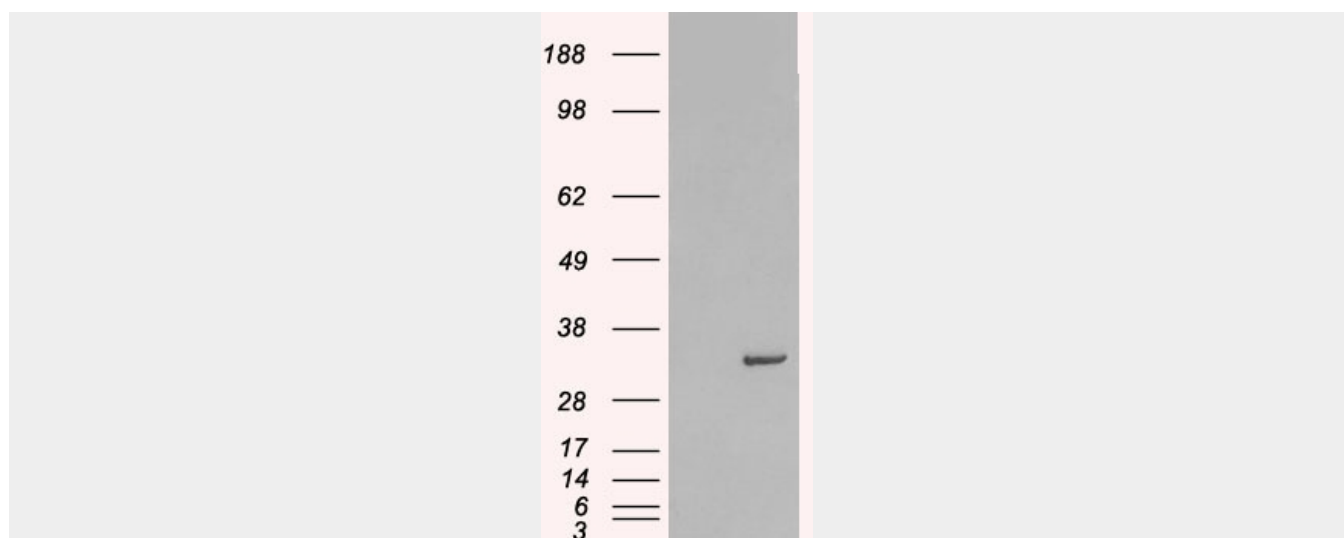
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Goat Anti-STX6 Antibody - Images



AF2049a (0.3 µg/ml) staining of human lymph node lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



HEK293 overexpressing Human STX6 (RC202951) and probed with AF2049a (mock transfection in first lane), tested by Origene.

Goat Anti-STX6 Antibody - References

Syntaxin 6 and CAL mediate the degradation of the cystic fibrosis transmembrane conductance regulator. Cheng J, et al. Mol Biol Cell, 2010 Apr 1. PMID 20130090.

Syntaxin 6, a regulator of the protein trafficking machinery and a target of the p53 family, is required for cell adhesion and survival. Zhang Y, et al. J Biol Chem, 2008 Nov 7. PMID 18779328.

The DNA sequence and biological annotation of human chromosome 1. Gregory SG, et al. Nature, 2006 May 18. PMID 16710414.

MARCH-II is a syntaxin-6-binding protein involved in endosomal trafficking. Nakamura N, et al. Mol Biol Cell, 2005 Apr. PMID 15689499.

The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.