

Syntaxin 4 Rabbit mAb
Catalog # AP77991**Specification****Syntaxin 4 Rabbit mAb - Product Information**

Application	WB
Primary Accession	Q12846
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	34180

Syntaxin 4 Rabbit mAb - Additional Information

Gene ID 6810

Other Names
STX4**Dilution**
WB~~1/500-1/1000**Format**
Liquid**Syntaxin 4 Rabbit mAb - Protein Information****Name** STX4**Synonyms** STX4A**Function**

Plasma membrane t-SNARE that mediates docking of transport vesicles (By similarity). Necessary for the translocation of SLC2A4 from intracellular vesicles to the plasma membrane (By similarity). In neurons, recruited at neurite tips to membrane domains rich in the phospholipid 1-oleoyl-2-palmitoyl-PC (OPPC) which promotes neurite tip surface expression of the dopamine transporter SLC6A3/DAT by facilitating fusion of SLC6A3-containing transport vesicles with the plasma membrane (By similarity). Together with STXB3 and VAMP2, may also play a role in docking/fusion of intracellular GLUT4-containing vesicles with the cell surface in adipocytes and in docking of synaptic vesicles at presynaptic active zones (By similarity). Required for normal hearing (PubMed: <http://www.uniprot.org/citations/36355422> target="_blank">36355422).

Cellular Location

Cell membrane {ECO:0000250|UniProtKB:Q08850}; Single-pass type IV membrane protein. Cell projection, neuron projection {ECO:0000250|UniProtKB:Q08850}. Cell projection, stereocilium {ECO:0000250|UniProtKB:P70452}. Note=Localizes to neurite tips in neuronal cells. {ECO:0000250|UniProtKB:Q08850}

Tissue Location

Expressed in neutrophils and neutrophil- differentiated HL-60 cells. Expression in neutrophils increases with differentiation.

Syntaxin 4 Rabbit mAb - 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](#)

Syntaxin 4 Rabbit mAb - Images