

STX12 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP16253b**Specification**

STX12 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q86Y82](#)**STX12 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 23673**Other Names**
Syntaxin-12, STX12**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

STX12 Antibody (C-term) Blocking Peptide - Protein Information**Name** STX12**Function**

SNARE promoting fusion of transport vesicles with target membranes. Together with SNARE STX6, promotes movement of vesicles from endosomes to the cell membrane, and may therefore function in the endocytic recycling pathway. Through complex formation with GRIP1, GRIA2 and NSG1 controls the intracellular fate of AMPAR and the endosomal sorting of the GRIA2 subunit toward recycling and membrane targeting.

Cellular Location

Endosome membrane {ECO:0000250|UniProtKB:G3V7P1}; Single-pass type IV membrane protein {ECO:0000250|UniProtKB:G3V7P1} Golgi apparatus membrane {ECO:0000250|UniProtKB:G3V7P1}; Single-pass type IV membrane protein {ECO:0000250|UniProtKB:G3V7P1}. Endomembrane system {ECO:0000250|UniProtKB:G3V7P1}; Single-pass type IV membrane protein {ECO:0000250|UniProtKB:G3V7P1}; Cytoplasmic side {ECO:0000250|UniProtKB:G3V7P1}. Early endosome membrane {ECO:0000250|UniProtKB:G3V7P1}; Single-pass type IV membrane protein {ECO:0000250|UniProtKB:G3V7P1}. Recycling endosome membrane {ECO:0000250|UniProtKB:G3V7P1}; Single-pass type IV membrane protein {ECO:0000250|UniProtKB:G3V7P1}

STX12 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

STX12 Antibody (C-term) Blocking Peptide - Images**STX12 Antibody (C-term) Blocking Peptide - Background**

SNARE that acts to regulate protein transport between late endosomes and the trans-Golgi network (By similarity).

STX12 Antibody (C-term) Blocking Peptide - References

Kean, M.J., et al. J. Cell. Sci. 122 (PT 22), 4089-4098 (2009) :Lamesch, P., et al. Genomics 89(3):307-315(2007)Olsen, J.V., et al. Cell 127(3):635-648(2006)Olsen, J.V., et al. Cell 127(3):635-648(2006)Bared, S.M., et al. Mol. Biol. Cell 15(12):5399-5407(2004)