

STX5 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP12268c**Specification**

STX5 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [Q13190](#)**STX5 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 6811**Other Names**

Syntaxin-5, STX5, STX5A

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.

STX5 Antibody (Center) Blocking peptide - Protein Information**Name** STX5**Synonyms** STX5A**Function**

Mediates endoplasmic reticulum to Golgi transport. Together with p115/USO1 and GM130/GOLGA2, involved in vesicle tethering and fusion at the cis-Golgi membrane to maintain the stacked and inter- connected structure of the Golgi apparatus.

Cellular Location

Endoplasmic reticulum-Golgi intermediate compartment membrane {ECO:0000250|UniProtKB:Q08851}; Single-pass type IV membrane protein. Golgi apparatus membrane. Note=Localizes throughout the Golgi apparatus, but most abundant in the cis-most cisternae

STX5 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

STX5 Antibody (Center) Blocking peptide - Images

STX5 Antibody (Center) Blocking peptide - Background

STX5 mediates endoplasmic reticulum to Golgi transport (By similarity).

STX5 Antibody (Center) Blocking peptide - References

Laufman, O., et al. EMBO J. 28(14):2006-2017(2009)Diao, A., et al. J. Biol. Chem. 283(11):6957-6967(2008)Amessou, M., et al. J. Cell. Sci. 120 (PT 8), 1457-1468 (2007) :Wang, A.G., et al. Biochem. Biophys. Res. Commun. 345(3):1022-1032(2006)Suga, K., et al. FEBS Lett. 579(20):4226-4234(2005)