

STX2 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP12469c**Specification**

STX2 Antibody (Center) Blocking peptide - Product InformationPrimary Accession [P32856](#)**STX2 Antibody (Center) Blocking peptide - Additional Information****Gene ID** 2054**Other Names**

Syntaxin-2, Epimorphin, STX2, EPIM, STX2A, STX2B, STX2C

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.

STX2 Antibody (Center) Blocking peptide - Protein Information**Name** STX2**Synonyms** EPIM, STX2A, STX2B, STX2C**Function**

Essential for epithelial morphogenesis. May mediate Ca(2+)- regulation of exocytosis acrosomal reaction in sperm.

Cellular Location

Membrane; Single-pass type IV membrane protein.

STX2 Antibody (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

STX2 Antibody (Center) Blocking peptide - Images**STX2 Antibody (Center) Blocking peptide - Background**

The product of this gene belongs to the syntaxin/epimorphin family of proteins. The syntaxins are a large protein family implicated in the targeting and fusion of intracellular transport vesicles. The product of this gene regulates epithelial-mesenchymal interactions and epithelial cell morphogenesis and activation. Alternatively spliced transcript variants encoding different isoforms have been identified.

STX2 Antibody (Center) Blocking peptide - References

Chen, C.S., et al. J. Biol. Chem. 284(11):6877-6884(2009) Okugawa, Y., et al. J. Invest. Dermatol. 128(8):1884-1893(2008) Flaumenhaft, R., et al. Blood 110(5):1492-1501(2007) Low, S.H., et al. Mol. Biol. Cell 17(2):977-989(2006) Band, A.M., et al. BMC Cell Biol. 6 (1), 26 (2005) :