10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

STX2 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP16995a

Specification

STX2 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession P32856

STX2 Antibody (N-term) 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 (N-term) 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 (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

STX2 Antibody (N-term) Blocking Peptide - Images

STX2 Antibody (N-term) Blocking Peptide - Background

The product of this gene belongs to thesyntaxin/epimorphin family of proteins. The syntaxins are a largeprotein family implicated in the targeting and fusion ofintracellular transport vesicles. The product of this generegulates epithelial-mesenchymal interactions and epithelial cellmorphogenesis and activation. Alternatively spliced transcriptvariants encoding different isoforms have been identified.

STX2 Antibody (N-term) 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) :