

TPM4 Antibody (N-term) Blocking Peptide

Synthetic peptide

Catalog # BP19539a

Specification

TPM4 Antibody (N-term) Blocking Peptide - Product Information**TPM4 Antibody (N-term) Blocking Peptide - Additional Information****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.

TPM4 Antibody (N-term) Blocking Peptide - Protein Information**TPM4 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

TPM4 Antibody (N-term) Blocking Peptide - Images**TPM4 Antibody (N-term) Blocking Peptide - Background**

This gene encodes a member of the tropomyosin family of actin-binding proteins involved in the contractile system of striated and smooth muscles and the cytoskeleton of non-muscle cells. Tropomyosins are dimers of coiled-coil proteins that polymerize end-to-end along the major groove in most actin filaments. They provide stability to the filaments and regulate access of other actin-binding proteins. In muscle cells, they regulate muscle contraction by controlling the binding of myosin heads to the actin filament. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq].

TPM4 Antibody (N-term) Blocking Peptide - References

Martins-de-Souza, D., et al. J Psychiatr Res 44(14):989-991(2010)
Vlahovich, N., et al. Cell Motil. Cytoskeleton 65(1):73-85(2008)
Montesano Gesualdi, N., et al. Free Radic. Res. 40(5):467-476(2006)
Hossain, M.M., et al. J. Biol. Chem. 280(51):42442-42453(2005)
Bruneel, A., et al. Proteomics 5(15):3876-3884(2005)