

TMOD4 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP17611c**Specification**

TMOD4 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [Q9NZQ9](#)

TMOD4 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 29765

Other Names

Tropomodulin-4, Skeletal muscle tropomodulin, Sk-Tmod, TMOD4

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.

TMOD4 Antibody (Center) Blocking Peptide - Protein Information

Name TMOD4

Function

Blocks the elongation and depolymerization of the actin filaments at the pointed end. The Tmod/TM complex contributes to the formation of the short actin protofilament, which in turn defines the geometry of the membrane skeleton.

Cellular Location

Cytoplasm, cytoskeleton. Note=In myofibrils with sarcomeric structure, localizes to the pointed end of actin thin filaments (PubMed:25250574).

Tissue Location

Highly expressed in skeletal muscle.

TMOD4 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TMOD4 Antibody (Center) Blocking Peptide - Images**TMOD4 Antibody (Center) Blocking Peptide - Background**

TMOD4 blocks the elongation and depolymerization of the actin filaments at the pointed end. The Tmod/TM complex contributes to the formation of the short actin protofilament, which in turn defines the geometry of the membrane skeleton.

TMOD4 Antibody (Center) Blocking Peptide - References

Lamesch, P., et al. Genomics 89(3):307-315(2007)Cox, P.R., et al. BMC Genomics 2 (1), 7 (2001)
:Cox, P.R., et al. Genomics 63(1):97-107(2000)Almenar-Queralt, A., et al. J. Biol. Chem.
274(40):28466-28475(1999)