

TMOD2 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP18421a**Specification**

TMOD2 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [Q9NZR1](#)

TMOD2 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 29767

Other Names

Tropomodulin-2, Neuronal tropomodulin, N-Tmod, TMOD2, NTMOD

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.

TMOD2 Antibody (N-term) Blocking Peptide - Protein Information

Name TMOD2

Synonyms NTMOD

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 (By similarity).

Cellular Location

Cytoplasm, cytoskeleton.

Tissue Location

Neuronal-tissue specific.

TMOD2 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TMOD2 Antibody (N-term) Blocking Peptide - Images

TMOD2 Antibody (N-term) Blocking Peptide - Background

This gene encodes a neuronal-specific member of the tropomodulin family of actin-regulatory proteins. The encoded protein caps the pointed end of actin filaments preventing both elongation and depolymerization. The capping activity of this protein is dependent on its association with tropomyosin. Alternatively spliced transcript variants encoding different isoforms have been described.

TMOD2 Antibody (N-term) Blocking Peptide - References

Lamesch, P., et al. Genomics 89(3):307-315(2007) Pawlak, G., et al. Int. J. Cancer 110(3):368-373(2004) Cox, P.R., et al. Genomics 63(1):97-107(2000)