

TMOD4 Antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI15322**Specification**

TMOD4 Antibody - middle region - Product Information

Application	WB
Primary Accession	O9NZO9
Other Accession	NM_013353 , NP_037485
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39kDa KDa

TMOD4 Antibody - middle region - Additional Information**Gene ID** 29765**Alias Symbol** **DKFZp779I0852, SK-TMOD****Other Names**

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

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-TMOD4 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

TMOD4 Antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

TMOD4 Antibody - middle region - 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).

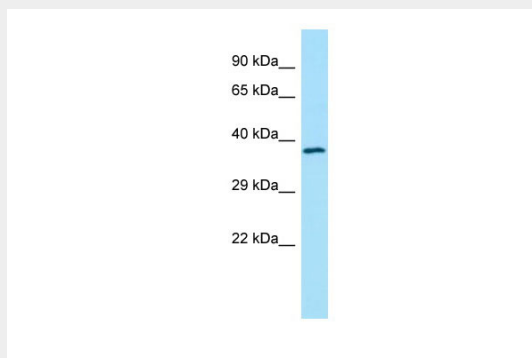
Tissue Location

Highly expressed in skeletal muscle.

TMOD4 Antibody - middle region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

TMOD4 Antibody - middle region - Images

WB Suggested Anti-TMOD4 Antibody Titration: 1.0 µg/ml

Positive Control: Fetal Lung

TMOD4 Antibody - middle region - References

Almenar-Queralto A., et al. J. Biol. Chem. 274:28466-28475(1999).
Cox P.R., et al. Genomics 63:97-107(2000).
Durling H.J., et al. Submitted (NOV-2000) to the EMBL/GenBank/DDBJ databases.
Cox P.R., et al. Submitted (JUN-2001) to the EMBL/GenBank/DDBJ databases.
Ota T., et al. Nat. Genet. 36:40-45(2004).