

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

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**TMOD4 Antibody - middle region - Product Information**

|                   |                                                                |
|-------------------|----------------------------------------------------------------|
| Application       | WB                                                             |
| Primary Accession | <a href="#">O9NZO9</a>                                         |
| Other Accession   | <a href="#">NM_013353</a> , <a href="#">NP_037485</a>          |
| 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).

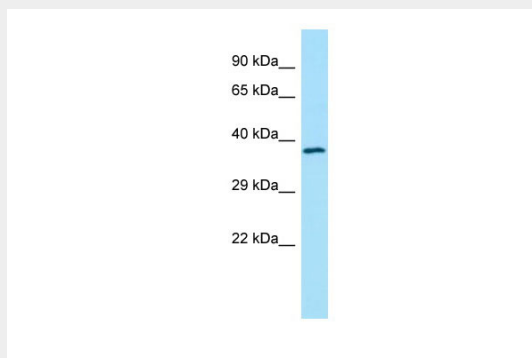
**Tissue Location**

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).