

# TMOD4 Antibody - middle region

Rabbit Polyclonal Antibody

Catalog # AI15322

## Product Information

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|-------------------|----------------------------------------------------------------|
| Application       | WB                                                             |
| Primary Accession | <a href="#">Q9NZQ9</a>                                         |
| Other Accession   | <a href="#">NM_013353</a> , <a href="#">NP_037485</a>          |
| Reactivity        | Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine |
| Predicted         | Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine |
| Host              | Rabbit                                                         |
| Clonality         | Polyclonal                                                     |
| Calculated MW     | 39335                                                          |

## Additional Information

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|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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.                                                                               |

## Protein Information

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| 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.                                                                                                                                                                                                  |

## References

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Almenar-Queralt A.,et al.J. Biol. Chem. 274:28466-28475(1999).

Cox P.R.,et al.Genomics 63:97-107(2000).

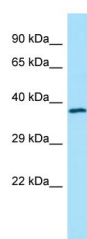
Durling H.J.,et al.Submitted (NOV-2000) to the EMBL/GenBank/DDBJ databases.

Cox P.R.,et al.Submitted (JUN-2001) to the EMBL/GenBank/DDBJ databases.

Ota T.,et al.Nat. Genet. 36:40-45(2004).

## Images

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WB Suggested Anti-TMOD4 Antibody Titration: 1.0 µg/ml  
Positive Control: Fetal Lung

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.