

Datasheet for ABIN2790388  
**anti-Tropomodulin 4 antibody (N-Term)**



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1 Image

## Overview

Quantity:	100 µL
Target:	Tropomodulin 4 (TMOD4)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Tropomodulin 4 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human TMOD4
Sequence:	PEELEQLDCE LQEMDPENML LPAGLRQRDQ TTKSPTGPLD REALLQYLEQ
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against TMOD4. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	Tropomodulin 4 (TMOD4)
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## Target Details

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Alternative Name:	TMOD4 ( <a href="#">TMOD4 Products</a> )
Background:	<p>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.</p> <p>Alias Symbols: DKFZp779I0852, SK-TMOD</p> <p>Protein Interaction Partner: CDC37L1, TTC4, HSP90AB1, APP, NEB,</p> <p>Protein Size: 345</p>
Molecular Weight:	39 kDa
Gene ID:	29765
NCBI Accession:	<a href="#">NM_013353</a> , <a href="#">NP_037485</a>
UniProt:	<a href="#">Q9NZQ9</a>

## Application Details

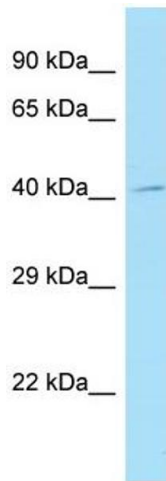
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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 345 AA
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



### Western Blotting

**Image 1.** WB Suggested Anti-TMOD4 Antibody Titration: 1.0 ug/ml Positive Control: HT1080 Whole Cell