

Datasheet for ABIN2774447

anti-Tropomodulin 4 antibody (Middle Region)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Tropomodulin 4 (TMOD4)
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Pig
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 middle region of Human TMOD4
Sequence:	CNTEGISSVV QPDKYKPVPD EPPNPTNIEE ILKRVRSNDK ELEEVNLNNI
Predicted Reactivity:	Cow: 86%, Dog: 86%, Guinea Pig: 85%, Horse: 93%, Human: 100%, Mouse: 100%, Pig: 93%, Rabbit: 93%, Rat: 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)
Alternative Name:	TMOD4 (TMOD4 Products)

Target Details

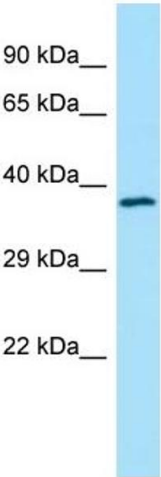
Background:	<p>TMOD4 blocks the elongation and depolymerization of the actin filaments at the pointed end.</p> <p>The Tmod/TM complex contributes to the formation of the short actin protofilament, which in turn defines the geometry of the membrane skeleton.</p> <p>Alias Symbols: DKFZp779I0852, SK-TMOD</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:	NM_013353 , NP_037485
UniProt:	Q9NZQ9

Application Details

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

Handling

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: Fetal Lung