

Datasheet for ABIN2786042
anti-TMOD3 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	TMOD3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Rabbit, Horse, Guinea Pig, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMOD3 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 TMOD3
Sequence:	LDDLDPENAL LPAGFRQKNQ TSKSTTGPFDEHLLSYLEK EALEHKDRED
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 100%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against TMOD3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	TMOD3
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Target Details

Alternative Name:	TMOD3 (TMOD3 Products)
Background:	<p>TMOD3 belongs to the tropomodulin family. It 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. This gene is a necessary element in receptor tyrosine kinase pathways, possibly as a tyrosine phosphorylation target. It is involved in regulation of RAF in the MAPK pathway and may also play a role in a MAPK-independent pathway.</p> <p>Alias Symbols: UTMOD</p> <p>Protein Interaction Partner: UBC, PABPC1, YWHAE, PSMD9, PPP1CA, DHX15, PAN2, CSNK2A1, HNRNPUL2, PPIL3, AHCYL1, SULT1A1, PSMC4, PSMB7, NPC1, ATP6V1B1, LRRK2, FBXO25, ISG15, ARRB2, ARRB1, ELAVL1, SUMO2, DUSP23, TNFSF11, MAP1LC3B, Poc1b, Tubgcp3, Sass6, Trim69, Stag2, Pafah1b1, Erh, Cdk</p> <p>Protein Size: 352</p>
Molecular Weight:	39 kDa
Gene ID:	29766
NCBI Accession:	NM_014547 , NP_055362
UniProt:	Q9NYL9
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 352 AA
Restrictions:	For Research Use only

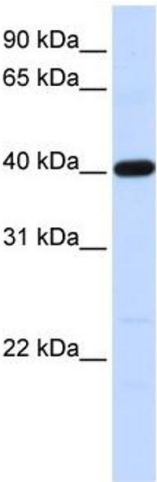
Handling

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

Handling

	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.

Images



Western Blotting

Image 1. WB Suggested Anti-TMOD3 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: Human Lung