

Datasheet for ABIN1539293  
**anti-TMOD2 antibody (N-Term)**



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1 Image

## Overview

Quantity:	400 µL
Target:	TMOD2
Binding Specificity:	AA 32-58, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TMOD2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This TMOD2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 32-58 amino acids from the N-terminal region of human TMOD2.
Clone:	RB38529
Isotype:	Ig Fraction
Predicted Reactivity:	Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	TMOD2
Alternative Name:	TMOD2 ( <a href="#">TMOD2 Products</a> )

## Target Details

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Background:	This gene encodes a neuronal-specific member of the tropomodulin family of actin-regulatory proteins. The encoded protein caps the pointed end of actin filaments preventing both elongation and depolymerization. The capping activity of this protein is dependent on its association with tropomyosin. Alternatively spliced transcript variants encoding different isoforms have been described.
Molecular Weight:	39595
Gene ID:	29767
NCBI Accession:	<a href="#">NP_001136357</a> , <a href="#">NP_055363</a>
UniProt:	<a href="#">Q9NZR1</a>
Pathways:	<a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a>

## Application Details

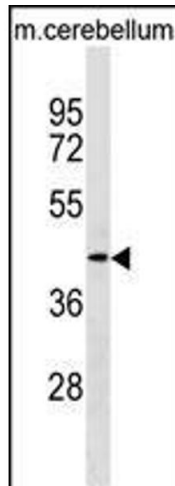
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Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	TMOD2 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



#### Western Blotting

**Image 1.** TMOD2 Antibody (N-term) (ABIN1539293 and ABIN2849906) western blot analysis in mouse cerebellum tissue lysates (35 µg/lane). This demonstrates the TMOD2 Antibody detected the TMOD2 protein (arrow).