

**TMOD2 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP18421A****Specification**

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**TMOD2 Antibody (N-term) - Product Information**

|                   |                                                                               |
|-------------------|-------------------------------------------------------------------------------|
| Application       | WB,E                                                                          |
| Primary Accession | <a href="#">O9NZR1</a>                                                        |
| Other Accession   | <a href="#">P70566</a> , <a href="#">Q9JKK7</a> , <a href="#">NP_055363.1</a> |
| Reactivity        | Human, Mouse                                                                  |
| Predicted         | Rat                                                                           |
| Host              | Rabbit                                                                        |
| Clonality         | Polyclonal                                                                    |
| Isotype           | Rabbit IgG                                                                    |
| Calculated MW     | 39595                                                                         |
| Antigen Region    | 32-58                                                                         |

**TMOD2 Antibody (N-term) - Additional Information****Gene ID** 29767**Other Names**

Tropomodulin-2, Neuronal tropomodulin, N-Tmod, TMOD2, NTMOD

**Target/Specificity**

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.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

TMOD2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**TMOD2 Antibody (N-term) - Protein Information****Name** TMOD2**Synonyms** NTMOD

**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 (By similarity).

**Cellular Location**

Cytoplasm, cytoskeleton.

**Tissue Location**

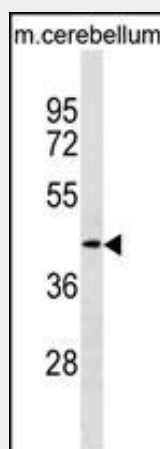
Neuronal-tissue specific.

### **TMOD2 Antibody (N-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **TMOD2 Antibody (N-term) - Images**



TMOD2 Antibody (N-term) (Cat. #AP18421a) western blot analysis in mouse cerebellum tissue lysates (35ug/lane). This demonstrates the TMOD2 Antibody detected the TMOD2 protein (arrow).

### **TMOD2 Antibody (N-term) - 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.

### **TMOD2 Antibody (N-term) - References**

Lamesch, P., et al. Genomics 89(3):307-315(2007)  
Pawlak, G., et al. Int. J. Cancer 110(3):368-373(2004)  
Cox, P.R., et al. Genomics 63(1):97-107(2000)