



## TMOD2 rabbit pAb

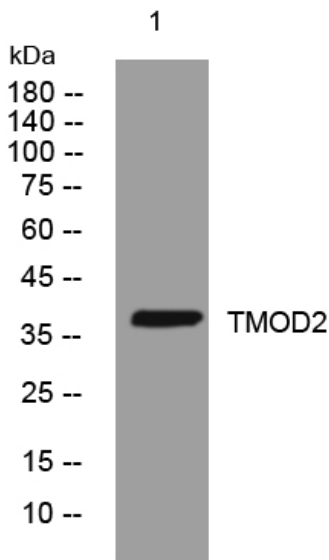
|                                  |  |
|----------------------------------|--|
| <b>Catalog No</b>                | YP-Ab-07899  |
| <b>Isotype</b>                   | IgG  |
| <b>Reactivity</b>                | Human; Mouse;Rat   |
| <b>Applications</b>              | WB   |
| <b>Gene Name</b>                 | TMOD2 NTMOD  |
| <b>Protein Name</b>              | TMOD2  |
| <b>Immunogen</b>                 | Synthesized peptide derived from human TMOD2 AA range: 138-188   |
| <b>Specificity</b>               | This antibody detects endogenous levels of TMOD2 at Human/Mouse/Rat  |
| <b>Formulation</b>               | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.13% sodium azide.  |
| <b>Source</b>                    | Polyclonal, Rabbit,IgG   |
| <b>Purification</b>              | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.  |
| <b>Dilution</b>                  | WB 1:500-2000  |
| <b>Concentration</b>             | 1 mg/ml  |
| <b>Purity</b>                    | ≥90%   |
| <b>Storage Stability</b>         | -20°C/1 year   |
| <b>Synonyms</b>                  | Tropomodulin-2 (Neuronal tropomodulin) (N-Tmod)  |
| <b>Observed Band</b>             | 38kD   |
| <b>Cell Pathway</b>              | Cytoplasm, cytoskeleton .  |
| <b>Tissue Specificity</b>        | Neuronal-tissue specific.  |
| <b>Function</b>                  | 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.,similarity:Belongs to the tropomodulin family.,subunit:Binds to the N-terminus of tropomyosin and to actin.,tissue specificity:Neuronal-tissue specific.,                             |
| <b>Background</b>                | 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. [provided by RefSeq, Dec 2008], |
| <b>matters needing attention</b> | Avoid repeated freezing and thawing!   |



### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western blot analysis of lysates from KB cells, primary antibody was diluted at 1:1000, 4° over night