

Rabbit TMOD4 Polyclonal Antibody | anti-TMOD4 antibody

TMOD4 Antibody

CATALOG # AAA323062	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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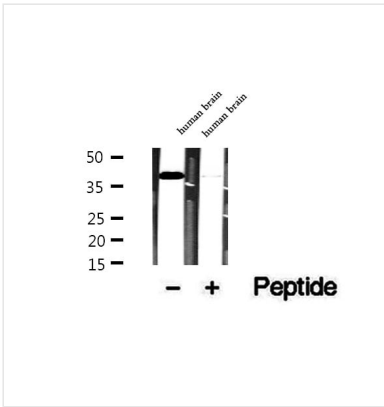
PRODUCT SYNONYMS

TMOD4; Polyclonal Antibody; TMOD4 Antibody; Actin capping protein; SK TMOD; Sk-Tmod; Skeletal muscle tropomodulin; SKTMOD; TMOD 4; Tropomodulin 4 (muscle); Tropomodulin-4; anti-TMOD4 antibody

PRODUCT SPECIFICATIONS

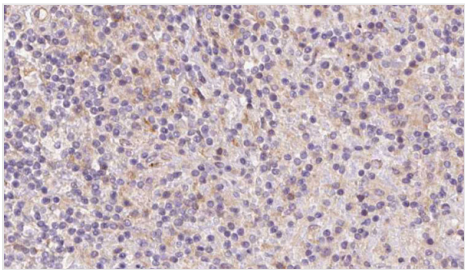
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	TMOD4 antibody detects endogenous levels of TMOD4.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	345
Applicable Applications for anti-TMOD4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human TMOD4.
Subcellular Location	Cytoplasm, Cytoskeleton.
Tissue Specificity	Highly expressed in skeletal muscle.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



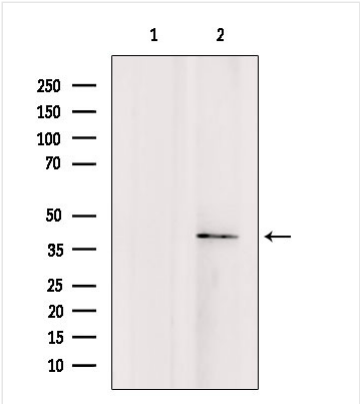
WB (Western Blot)

Western blot analysis of extracts of human brain tissue, using TMOD4 antibody.



IHC (Immunohiostchemistry)

AAA323062 at 1/100 staining Human lymph cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts from rat brain, using TMOD4 antibody. Lane 1 was treated with the blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-TMOD4 antibody	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. Subunit Structure: Binds to the N-terminus of tropomyosin and to actin. Similarity: Belongs to the tropomodulin family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	156415984
NCBI GeneID	29765
NCBI Accession #	NP_037485.2
NCBI GenBank Nucleotide #	NM_013353.2
UniProt Accession #	Q9NZQ9; Q5JR83; Q8WVL3; Q9UKH2; B7Z6N9
Molecular Weight	Observed: 39 kD Predicted: 40 kDa
NCBI Official Full Name	tropomodulin-4
NCBI Official Synonym Full Names	tropomodulin 4
NCBI Official Symbol	TMOD4

NCBI Official Synonym Symbols	SK-TMOD
NCBI Protein Information	tropomodulin-4
UniProt Protein Name	Tropomodulin-4
UniProt Gene Name	TMOD4
UniProt Synonym Gene Names	Sk-Tmod

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tmod4-antibody-immunohistochemistry-western-blot-elisa/323062>