

Rabbit TPM2 Polyclonal Antibody | anti-TPM2 antibody

Anti-TPM2 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255116	Rabbit	Human, Mouse, Rat Predicted to React with: Bovin, Chick, Rabbit (Species predicted to react based on 100% sequence homology)	Immunohistochemistry

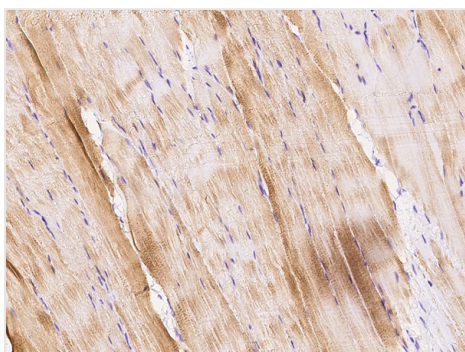
PRODUCT SYNONYMS

TPM2; Polyclonal Antibody; Anti-TPM2 Antibody; Rabbit Polyclonal; TPM2 Antibody; Rabbit PAb; Antigen Affinity Purified; tropomyosin 2 (beta); Anti-AMCD1 Antibody; Anti-DA1 Antibody; Anti-DA2B Antibody; Anti-HEL-S-273 Antibody; Anti-NEM4 Antibody; Anti-TMSB Antibody; anti-TPM2 antibody

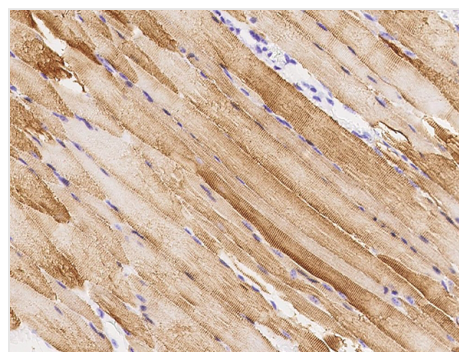
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted to React with: Bovin, Chick, Rabbit (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human TPM2
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-TPM2 antibody	IHC (Immunohistochemistry)
Immunogen	A synthetic peptide corresponding to the center region of the Human TPM2
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Human TPM2, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

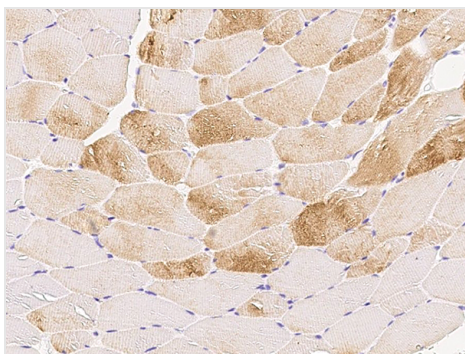
IMAGES


IHC (Immunohistochemistry)

Immunohistochemical staining TPM2 in rat skeletal muscle with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.


IHC (Immunohistochemistry)

Immunohistochemical staining TPM2 in mouse skeletal muscle with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining TPM2 in human skeletal muscle with rabbit polyclonal antibody at 1:1000 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-TPM2 antibody

Tropomyosin-2 (TPM2) plays important roles in functions of the cytoskeleton, such as cytokinesis, vesicle transport, cell proliferation, migration and apoptosis. TPM2 is a potential novel tumour suppressor gene in breast cancer. TPM2 is associated with poor survival and chemoresistance to paclitaxel in breast cancer, and TPM2 may represent a promising therapeutic gene target for breast cancer patients with chemoresistance. TPM2 appears to be commonly silenced by aberrant DNA methylation in colon cancer. TPM2 loss is associated with RhoA activation and tumor proliferation.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47519616
NCBI GeneID	7169
NCBI Accession #	NP_998839.1
NCBI GenBank Nucleotide #	NM_213674.1
UniProt Accession #	P07951 ; P06468 ; Q13894 ; Q53FM4 ; Q5TCU4 ; Q5TCU7 ; Q9UJH6 ; A6NM85
Molecular Weight	32,851 Da
NCBI Official Full Name	tropomyosin beta chain isoform 2
NCBI Official Synonym Full Names	tropomyosin 2 (beta)
NCBI Official Symbol	TPM2
NCBI Official Synonym Symbols	DA1; DA2B; NEM4; TMSB; AMCD1; HEL-S-273
NCBI Protein Information	tropomyosin beta chain; nemaline myopathy type 4; epididymis secretory protein Li 273
UniProt Protein Name	Tropomyosin beta chain
UniProt Gene Name	TPM2
UniProt Synonym Gene Names	TMSB
UniProt Entry Name	TPM2_HUMAN

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/tpm2-antibody-immunohistochemistry-elisa/255116>