

Rabbit TPM2 Polyclonal Antibody | anti-TPM2 antibody

TPM2 Polyclonal Antibody

CATALOG # AAA10708	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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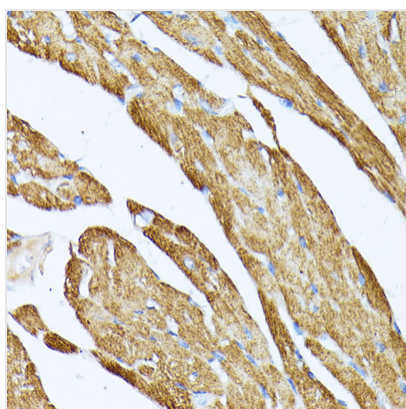
PRODUCT SYNONYMS

TPM2; Polyclonal Antibody; TPM2 Polyclonal Antibody; DA1; DA2B; NEM4; TMSB; AMCD1; anti-TPM2 antibody

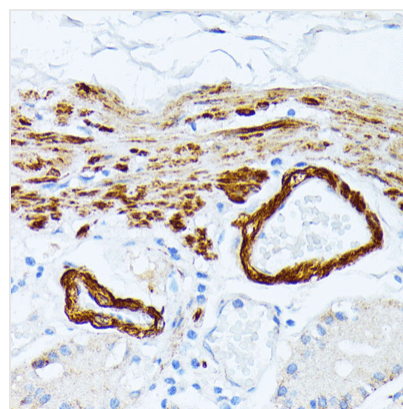
PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence Length	284
Applicable Applications for anti-TPM2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	WB: 1:500 - 1:1000 IHC: 1:50 - 1:100 IF: 1:50-1:100 IP: 1:50-1:100
Species Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide of human TPM2
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles.

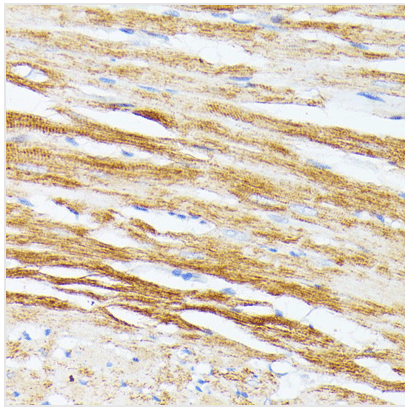
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin embedded mouse heart using TPM2 antibody (AAA10708) at dilution of 1:100 (40xlens).

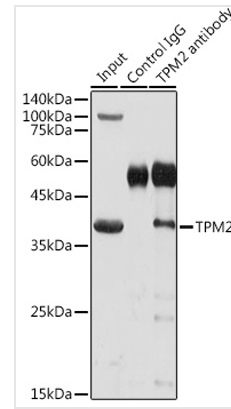

IHC (Immunohistochemistry)

Immunohistochemistry of paraffin embedded human stomach using TPM2 antibody (AAA10708) at dilution of 1:100 (40xlens).



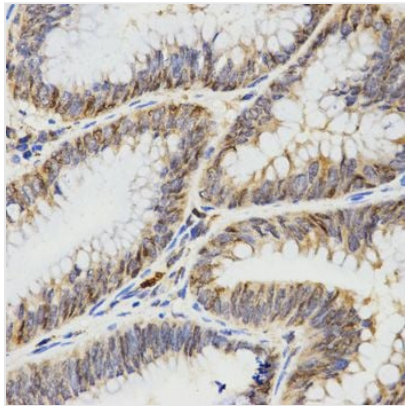
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin embedded rat heart using TPM2 antibody (AAA10708) at dilution of 1:100 (40x lens).



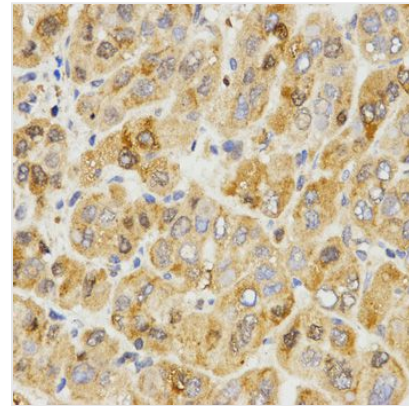
WB (Western Blot)

Immunoprecipitation analysis of 300ug extracts of Mouse skeletal muscle cells using 3ug TPM2antibody (AAA10708). Western blot was performed from the immunoprecipitate using TPM2 antibody(AAA10708) at a dilution of 1:1000.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human rectal cancer using TPM2 antibody at dilution of 1:200 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer using TPM2 antibody at dilution of 1:200 (40x lens).

ADDITIONAL INFORMATION

Related Product Information for anti-TPM2 antibody	This gene encodes beta-tropomyosin, a member of the actin filament binding protein family, and mainly expressed in slow, type 1 muscle fibers. Mutations in this gene can alter the expression of other sarcomeric tropomyosin proteins, and cause cap disease, nemaline myopathy and distal arthrogryposis syndromes. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-TPM2 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	136090
NCBI GeneID	7169
UniProt Accession #	P07951 ; P06468 ; Q13894 ; Q53FM4 ; Q5TCU4 ; Q5TCU7 ; Q9UH67 ; A6NM85
Molecular Weight	Observed MW: 36kDa Calculated MW: 28kDa/32kDa
NCBI Official Full Name	Tropomyosin beta chain
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-western-blot-immunohistochemistry-elisa/10708>