

Rabbit anti-Human, Mouse TPM2 Polyclonal Antibody | anti-TPM2 antibody

TPM2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA168145	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

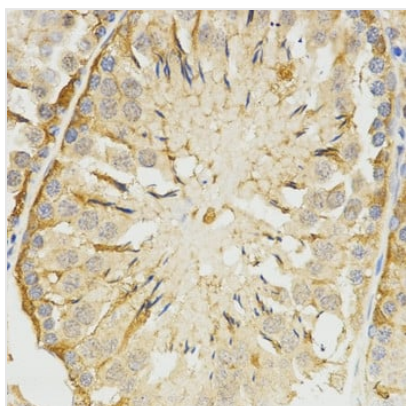
PRODUCT SYNONYMS

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

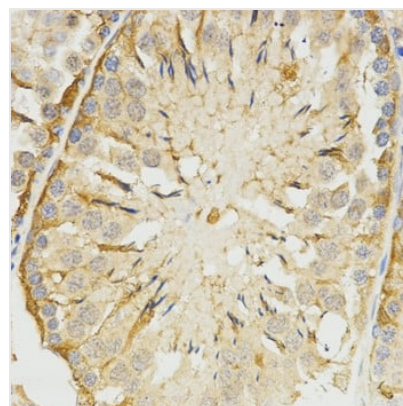
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	284
Applicable Applications for anti-TPM2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human TPM2
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-134128
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

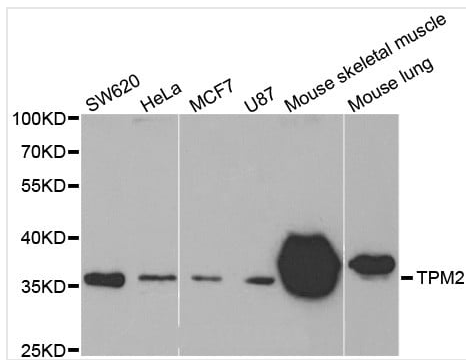
IMAGES


IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded rat testis tissue using TPM2 antibody at dilution of 1:200 (x400 lens)


IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human lung cancer tissue using TPM2 antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using TPM2 antibody.

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	669033277
NCBI GeneID	7169
NCBI Accession #	NP_001288156.1
NCBI GenBank Nucleotide #	NM_001301227.1
Molecular Weight	28,684 Da
NCBI Official Full Name	tropomyosin beta chain isoform Tpm2.4
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; epididymis secretory protein Li 273; nemaline myopathy type 4
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-western-blot-elisa/168145>