

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

TPM2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303981	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

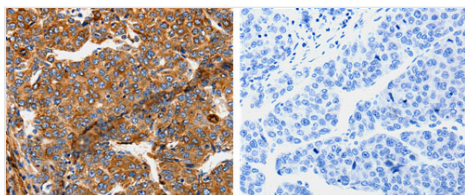
PRODUCT SYNONYMS

TPM2; Polyclonal Antibody; TPM2 Antibody; tropomyosin 2 (beta); DA1; DA2B; NEM4; TMSB; AMCD1; anti-TPM2 antibody

PRODUCT SPECIFICATIONS

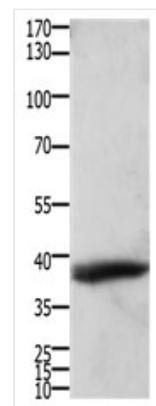
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total TPM2 protein.
Form/Format	Supplied at 1.5mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.3, 0.05% sodium azide and 50% glycerol.
Sequence Length	284
Applicable Applications for anti-TPM2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Preparation and Storage	Store at -20°C/1 year

IMAGES



IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using AAA303981 (TPM2 Antibody) at dilution 1/35, on the right is treated with the synthetic peptide.



Application Data

Gel: 10%SDS-PAGE Lysate: 40 ug Human cervical cancer tissue lysate Primary antibody: 1/750 dilution Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution Exposure time: 2 minutes

ADDITIONAL INFORMATION

Related Product Information for anti-TPM2 antibody

Background: 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. TPM2 has been shown to interact with RRAD, PDLIM7 and TPM1.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47519616
NCBI GeneID	7169
NCBI Accession #	NP_998839
NCBI GenBank Nucleotide #	NM_213674.1
NCBI Official Full Name	tropomyosin beta chain isoform Tpm2.1sm/cy
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
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://www.aaabiotech.com/polyclonal/tpm2-antibody-immunohistochemistry-western-blot-elisa/303981>