

Rabbit TPM1 Polyclonal Antibody | anti-TPM1 antibody

TPM1 Antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201291	Rabbit	Cow, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish	Western Blot

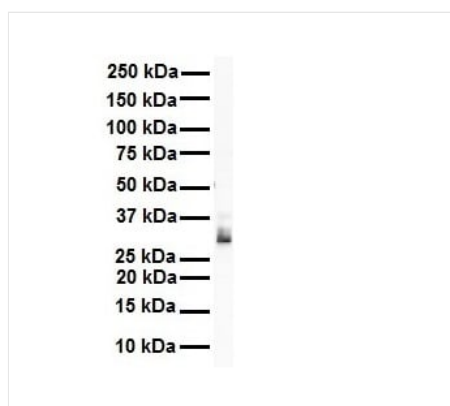
PRODUCT SYNONYMS

TPM1; Polyclonal Antibody; TPM1 Antibody - N-terminal region; anti-TPM1 antibody

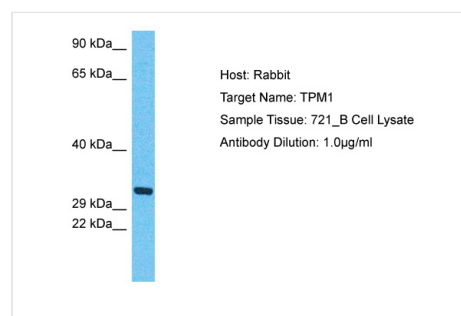
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: DA EADVASLNRR IQLVEEELDR AQERLATALQ KLEEAKEAAD ESERGMKV
Sequence Length	284
Applicable Applications for anti-TPM1 antibody	WB (Western Blot)
Homology	Cow: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human TPM1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

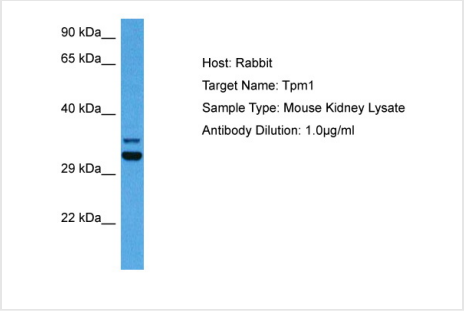
IMAGES


WB (Western Blot)

WB Suggested Anti-TPM1 antibody Titration: 1 ug/mL Sample Type: Human NCI-H226


WB (Western Blot)

Host: Rabbit Target Name: TPM1 Sample Type: 721_B Whole Cell lysates Antibody Dilution: 1.0ug/ml



WB (Western Blot)
Host: MouseTarget Name: TPM1Sample Tissue: Mouse KidneyAntibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-TPM1 antibody	This is a rabbit polyclonal antibody against TPM1. It was validated on Western Blot Target Description: This gene is a member of the tropomyosin family of highly conserved, widely distributed actin-binding proteins involved in the contractile system of striated and smooth muscles and the cytoskeleton of non-muscle cells. Tropomyosin is composed of two alpha-helical chains arranged as a coiled-coil. It is polymerized end to end along the two grooves of actin filaments and provides stability to the filaments. The encoded protein is one type of alpha helical chain that forms the predominant tropomyosin of striated muscle, where it also functions in association with the troponin complex to regulate the calcium-dependent interaction of actin and myosin during muscle contraction. In smooth muscle and non-muscle cells, alternatively spliced transcript variants encoding a range of isoforms have been described. Mutations in this gene are associated with type 3 familial hypertrophic cardiomyopathy.
Product Categories/Family for anti-TPM1 antibody	Polyclonal; Cardiovascular; Cell Biology; Immunology; Various; Disease Related; DNA/RNA/Protein Interactions; Tissue Specific & Cell Marker

NCBI AND UNIPROT INFORMATION

NCBI GI #	27597085
NCBI GeneID	7168
NCBI Accession #	XP_006720731
NCBI GenBank Nucleotide #	NM_000366.5
UniProt Accession #	P09493
Molecular Weight	31kDa
NCBI Official Full Name	tropomyosin alpha-1 chain isoform Tpm1.5cy
NCBI Official Synonym Full Names	tropomyosin 1
NCBI Official Symbol	TPM1
NCBI Official Synonym Symbols	CMH3; TMSA; CMD1Y; LVNC9; C15orf13; HEL-S-265; HTM-alpha
NCBI Protein Information	tropomyosin alpha-1 chain
UniProt Protein Name	Tropomyosin alpha-1 chain
UniProt Gene Name	TPM1
UniProt Synonym Gene Names	C15orf13; TMSA
UniProt Entry Name	TPM1_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.

