

Rabbit Tropomyosin 1 Polyclonal Antibody | anti-TPM1 antibody

Tropomyosin 1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA225049	Rabbit	Human, Mouse, Rat, Dog, Zebra Fish	Immunohistochemistry, Western Blot

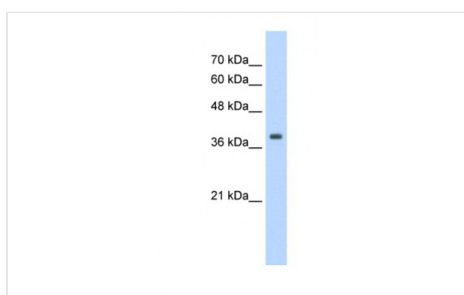
PRODUCT SYNONYMS

Tropomyosin 1; Polyclonal Antibody; Tropomyosin 1 Antibody; Rabbit Polyclonal Tropomyosin 1 Antibody; Polyclonal Tropomyosin 1 antibody; Anti-Tropomyosin 1 antibody; TPM1 antibody; CMH3 antibody; Tropomyosin 1 antibody; Tropomyosin -1; Tropomyosin -1 antibody; TMSA antibody; TPM1-alpha antibody; anti-TPM1 antibody

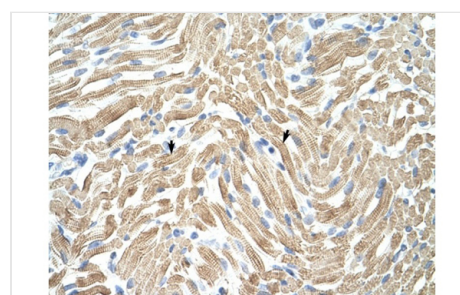
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Dog, Zebra Fish
Clonality	Polyclonal
Purity/Purification	Total IgG Protein A purified
Form/Format	Liquid; in 1x PBS buffer with 0.09% (w/v) Sodium Azide and 2% Sucrose.
Concentration	1 mg/ml (varies by lot)
Sequence Length	711
Applicable Applications for anti-TPM1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Tropomyosin 1 antibody was raised using a synthetic peptide corresponding to a region with amino acids DRAEQAEADKAAEDRSKQLEDELVSLQKCLKGTEDELDKYSEALKDAQE
Cross-Reactivity	Human, Mouse, Rat, Dog, ZebraFish
Preparation and Storage	Store at 2-8 degree C for short periods. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.

IMAGES


WB (Western Blot)

Tropomyosin 1 antibody used at 1.25 ug/ml to detect target protein.


IHC (Immunohistochemistry)

Tropomyosin 1 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Skeletal muscle cells (arrows) in Human Muscle. Magnification is at 400X

ADDITIONAL INFORMATION

Related Product Information for anti-TPM1 antibody	TPM1 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 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.
Product Categories/Family for anti-TPM1 antibody	Cardiac Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	45551900
NCBI GenBank Nucleotide #	NP_732006.2
Molecular Weight	31 kDa (MW of target protein)
NCBI Official Full Name	tropomyosin 1, isoform E

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/tropomyosin-1-antibody-immunohistochemistry-western-blot-elisa/225049>