

Rabbit anti-Human TPM1 Polyclonal Antibody | anti-TPM1 antibody

Anti-TPM1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA258960	Rabbit	Human	Immunofluorescence, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

TPM1; Polyclonal Antibody; Anti-TPM1 Antibody; Rabbit Polyclonal; tropomyosin 1 (alpha); Anti-C15orf13 Antibody; Anti-CMD1Y Antibody; Anti-CMH3 Antibody; Anti-HTM-alpha Antibody; Anti-LVNC9 Antibody; Anti-TMSA Antibody; anti-TPM1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human TPM1
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-TPM1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	E coli-derived Human TPM1 fragment
Preparation	Produced in rabbits immunized with E coli-derived Human TPM1 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of TPM1 in U2OS cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human TPM1 polyclonal antibody (dilution ratio 1:100) at 4? overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue). Positive staining was localized to Cytoplasm.



IHC (Immunohistochemistry)

Immunochemical staining of human TPM1 in human muscle with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-TPM1 antibody	TPM1, also known as tropomyosin-1, is a member of the tropomyosin family. Members of this family are highly conserved, widely distributed actin-binding proteins involved in the contractile system of striated and smooth muscles and the cytoskeleton of non-muscle cells. highly conserved, widely distributed actin-binding proteins involved in the contractile system of striated and smooth muscles and the cytoskeleton of non-muscle cells. TPM1 is one type of alpha-helical chain that forms the predominant tropomyosin of striated muscle. It binds to actin filaments in muscle and non-muscle cells. TPM1 plays a central role, in association with the troponin complex, in the calcium-dependent regulation of vertebrate striated muscle contraction.
References	Mogensen J. et al., 1999, Cytogenet Cell Genet. 84 (1-2): 35-6. Brown H R. et al., 1985, Proc Natl Acad Sci. 82 (8): 2359-63. Lees-Miller JP. et al., 1992, BioEssays. 13 (9): 429-37.

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/tpm1-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-elisa/258960>