

Rabbit Tropomyosin 2 Polyclonal Antibody | anti-Tm2 antibody

Tropomyosin 2 antibody

CATALOG # AAA107837	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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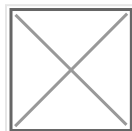
PRODUCT SYNONYMS

Tropomyosin 2; Polyclonal Antibody; Tropomyosin 2 antibody; Polyclonal Tropomyosin 2; Anti-Tropomyosin 2; tropomyosin-2; Tropomyosin -2; beta-tropomyosin; tropomyosin 2 (beta); AMCD1; TMSB; DA2B; NEM4; DA1; tropomyosin beta chain; TPM2; anti-Tm2 antibody

PRODUCT SPECIFICATIONS

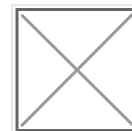
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Tropomyosin 2 antibody was purified by antigen-affinity chromatography
Form/Format	Supplied as a concentrated solution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Concentration	0.66 mg/ml (varies by lot)
Sequence Length	284
Applicable Applications for anti-Tm2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Biological Significance	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.
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of 30 ug of whole cell lysate (A: HeLa) using a 10 % SDS PAGE gel and Tropomyosin 2 antibody at a dilution of 1:1000



IHC (Immunohistochemistry)

Immunohistochemical staining of paraffin-embedded SW480 xenograft using Tropomyosin 2 antibody at a dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-Tm2 antibody	Affinity purified Rabbit polyclonal Tropomyosin 2 antibody
Product Categories/Family for anti-Tm2 antibody	Cell Biology; Purified Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	442619203
NCBI GeneID	41853
NCBI Accession #	NP_001262593.1
NCBI GenBank Nucleotide #	NM_001275664.1
Molecular Weight	33 kDa
NCBI Official Full Name	tropomyosin 2, isoform E
NCBI Official Synonym Full Names	Tropomyosin 2
NCBI Official Symbol	Tm2
NCBI Official Synonym Symbols	CG4843; DmelCG4843; dro Tm; DROTROP11; Ifm(3)3; Ifm(3)5; Ifm-TmI; IP16005p; I(3)nc99Eb; mTmI; Tm; Tm1; Tm127; TM2; TmI; TmII; Tn-H
NCBI Protein Information	CG4843 gene product from transcript CG4843-RA
UniProt Protein Name	Tropomyosin-2
UniProt Gene Name	Tm2
UniProt Synonym Gene Names	TmI
UniProt Entry Name	TPM2_DROME

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/tropomyosin-2-antibody-western-blot-immunohistochemistry-elisa/107837>