

Goat tropomyosin 4/TPM4 Polyclonal Antibody | anti-TPM4 antibody

Goat anti-tropomyosin 4/TPM4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA61710	Goat	Tested: Human, Mouse, Pig; Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow	Western Blot, ELISA

PRODUCT SYNONYMS

tropomyosin 4/TPM4; Polyclonal Antibody; Goat anti-tropomyosin 4/TPM4 Antibody; TPM4; tropomyosin 4; TM30p1; tropomyosin alpha-4 chain; tropomyosin-4; TPM4 antibody; tropomyosin 4 antibody; TM30p1 antibody; tropomyosin alpha-4 chain antibody; tropomyosin-4 antibody; Tropomyosin 4; tropomyosin 4 / TPM4; anti-TPM4 antibody

PRODUCT SPECIFICATIONS

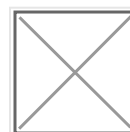
Host	Goat
Reactivity	Tested: Human, Mouse, Pig; Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow
Clonality	Polyclonal
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	ENVGLHQTLQ
Sequence Length	284
Applicable Applications for anti-TPM4 antibody	WB (Western Blot), ELISA (Peptide ELISA)
Immunogen	Peptide with sequence C-ENVGLHQTLQ, from the C Terminus of the protein sequence according to NP_001138632.1; NP_003281.1.
Epitope	C Terminus
Note	This antibody is expected to recognize both reported isoforms (NP_001138632.1; NP_003281.1).
Preparation and Storage	Aliquot and store at -20 degree C. Minimize freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

AAA61710 (2.5ug/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



IHC (Immunohistochemistry)

AAA61710 (2.5ug/ml) staining of paraffin embedded Human Placenta. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

**WB (Western Blot)**

0.5ug/ml) staining of Pig Heart lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**WB (Western Blot)**

0.1ug/ml) staining of NIH3T3 lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

**WB (Western Blot)**

0.03ug/ml) staining of Human Platelets lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

NCBI AND UNIPROT INFORMATION

NCBI GI #	223555975
NCBI GeneID	7171
NCBI Accession #	NP_001138632.1; NP_003281.1
NCBI GenBank Nucleotide #	NM_001145160.1
NCBI Official Full Name	tropomyosin alpha-4 chain isoform Tpm4.1cy
NCBI Official Synonym Full Names	tropomyosin 4
NCBI Official Symbol	TPM4
NCBI Official Synonym Symbols	HEL-S-108
NCBI Protein Information	tropomyosin alpha-4 chain
UniProt Protein Name	Tropomyosin alpha-4 chain
UniProt Gene Name	TPM4
UniProt Entry Name	TPM4_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://stage.aaabiotech.com/polyclonal/tropomyosin-4-tpm4-antibody-western-blot-peptide-elisa-elisa/61710>