

Rabbit TPM3 Polyclonal Antibody | anti-TPM3 antibody

TPM3 Antibody

CATALOG # AAA305274	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
-------------------------------	-----------------------	--	---

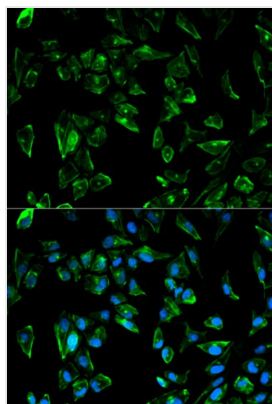
PRODUCT SYNONYMS

TPM3; Polyclonal Antibody; TPM3 Antibody; FLJ41118; MGC14582; MGC3261; MGC72094; anti-TPM3 antibody

PRODUCT SPECIFICATIONS

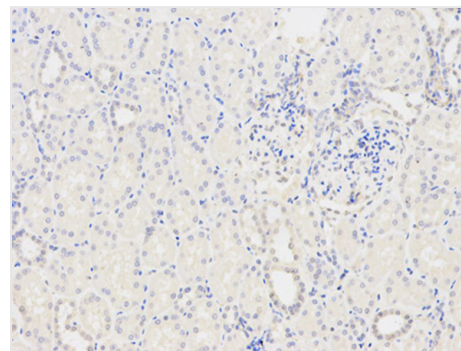
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total TPM3 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	248
Applicable Applications for anti-TPM3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human TPM3.
Target Name	TPM3
Preparation and Storage	Store at -20 degree C

IMAGES



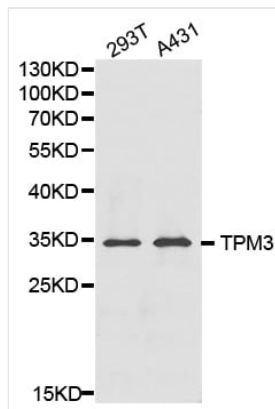
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cell using TPM3 antibody. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human kidney using TPM3 antibody at dilution of 1:200 (200x lens).



WB (Western Blot)
Western blot analysis of 293T cell and A431 cell lysate using TPM3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TPM3 antibody	This gene encodes a member of the tropomyosin family of actin-binding proteins involved in the contractile system of striated and smooth muscles and the cytoskeleton of non-muscle cells. Tropomyosins are dimers of coiled-coil proteins that polymerize end-to-end along the major groove in most actin filaments. They provide stability to the filaments and regulate access of other actin-binding proteins. In muscle cells, they regulate muscle contraction by controlling the binding of myosin heads to the actin filament. Mutations in this gene result in autosomal dominant nemaline myopathy, and oncogenes formed by chromosomal translocations involving this locus are associated with cancer. Multiple transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-TPM3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	114155144
NCBI GeneID	7170
NCBI Accession #	NP_001036816.1
NCBI GenBank Nucleotide #	NM_001043351.1
UniProt Accession #	P06753; P12324; Q2QD06; Q5VU58; Q5VU63; Q5VU66; Q5VU71; Q5VU72; Q8TCG3; Q969Q2; Q9NQH8; D3DV71
Molecular Weight	18,603 Da
NCBI Official Full Name	tropomyosin alpha-3 chain isoform Tpm3.2cy
NCBI Official Synonym Full Names	tropomyosin 3
NCBI Official Symbol	TPM3
NCBI Official Synonym Symbols	TM3; TM5; TRK; CFTD; NEM1; TM-5; TM30; CAPM1; TM30nm; TPMsk3; hscp30; HEL-189; HEL-S-82p; OK/SW-cl.5
NCBI Protein Information	tropomyosin alpha-3 chain
UniProt Protein Name	Tropomyosin alpha-3 chain
UniProt Gene Name	TPM3
UniProt Synonym Gene Names	hTM5
UniProt Entry Name	TPM3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/tpm3-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/305274>