

TPM3 Polyclonal Antibody

Catalog No.	A1206	Category	Polyclonal Antibodies
Applications	WB, IF	Observed MW	38kDa
Cross-reactivity	Human, Mouse	Calculated MW	18kDa/28kDa/29kDa/32kDa

Immunogen Information

Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-284 of human TPM3 (NP_689476.2).
Gene ID	7170
Swiss prot	P06753
Synonyms	TPM3; CAPM1; CFTD; HEL-189; HEL-S-82p; NEM1; O K/SW-cl.5; TM-5; TM3; TM30; TM30nm; TM5; TPMsk 3; TRK; hscp30; tropomyosin 3

Product information

Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

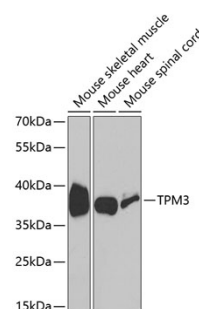
Background

This gene encodes a member of the tropomyosin family of actin-binding proteins. Tropomyosins are dimers of coiled-coil proteins that provide stability to actin filaments and regulate access of other actin-binding proteins. Mutations in this gene result in autosomal dominant nemaline myopathy and other muscle disorders. This locus is involved in translocations with other loci, including anaplastic lymphoma receptor tyrosine kinase (ALK) and neurotrophic tyrosine kinase receptor type 1 (NTRK1), which result in the formation of fusion proteins that act as oncogenes. There are numerous pseudogenes for this gene on different chromosomes. Alternative splicing results in multiple transcript variants.

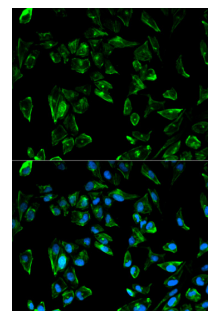
Recommended Dilutions

WB 1:500 -
1:2000

IF 1:50 -
1:200



Western blot - TPM3 Polyclonal Antibody (A1206)



Immunofluorescence - TPM3 Polyclonal Antibody (A1206)