

## Immunotag™ TPM3 Antibody

Antibody Specification	
Catalog No.	ITA6420
Product Description	Immunotag™ TPM3 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	TPM3
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human TPM3
Specificity	TPM3 Antibody detects endogenous levels of total TPM3
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	TPM3
Accession No.	P06753

## Antibody Specification

Alternate Names	Alpha tropomyosin 3; Alpha tropomyosin slow skeletal; CFTD; Cytoskeletal tropomyosin TM30; FLJ41118; gamma TM; Gamma tropomyosin; Gamma-tropomyosin; Heat stable cytoskeletal protein 30 kDa; hscp30; hTM30nm; hTM5; hTMnm; MGC102590; MGC14582; MGC3261; MGC72094; NEM1; OK/SW-cl.5; OTTHUMP00000034019; OTTHUMP00000034171; OTTHUMP00000034172; TM 5; TM-5; TM3; TM30; TM30nm; TM5; Tm5NM; Tpm 5; TPM3; TPM3/NTRK1 FUSION GENE, INCLUDED; TPM3_HUMAN; Tpm5; TPMsk3; TRK; TRK ONCOGENE, INCLUDED; Trop 5; Tropomyosin 3; Tropomyosin 3 gamma; Tropomyosin 5; Tropomyosin alpha 3 chain; Tropomyosin alpha-3 chain; Tropomyosin gamma; Tropomyosin-3; Tropomyosin-5;
Description	Binds to actin filaments in muscle and non-muscle cells. Plays a central role, in association with the troponin complex, in the calcium dependent regulation of vertebrate striated muscle contraction. Smooth muscle contraction is regulated by interaction with caldesmon. In non-muscle cells is implicated in stabilizing cytoskeleton actin filaments.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	33kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.