

Immunotag™ TPM1 Antibody

Antibody Specification	
Catalog No.	ITA6374
Product Description	Immunotag™ TPM1 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	TPM1
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 TPM1
Specificity	TPM1 Antibody detects endogenous levels of total TPM1
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	TPM1
Accession No.	P09493

Antibody Specification

Alternate Names	AA986836; AI854628; Alpha tropomyosin; alpha-TM; Alpha-tropomyosin; C15orf13; cardiomyopathy, hypertrophic 3; CMD1Y; CMH3; HTM alpha; HTM-alpha; OTTHUMP00000163688; sarcomeric tropomyosin kappa; TM2; Tmpa; TMSA; Tpm-1; TPM1; TPM1_HUMAN; tropomyosin 1 (alpha); tropomyosin 1 (alpha) isoform 1; tropomyosin 1 (alpha) isoform 2; tropomyosin 1 (alpha) isoform 3; tropomyosin 1 (alpha) isoform 4; tropomyosin 1 (alpha) isoform 5; tropomyosin 1 (alpha) isoform 6; tropomyosin 1 (alpha) isoform 7; Tropomyosin 1; Tropomyosin alpha 1 chain; Tropomyosin alpha-1 chain; Tropomyosin, skeletal muscle alpha; Tropomyosin-1;
Description	Binds to actin filaments in muscle and non-muscle cells (PubMed:23170982). Plays a central role, in association with the troponin complex, in the calcium dependent regulation of vertebrate striated muscle contraction (PubMed:23170982). 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.