

Datasheet for ABIN7173563
anti-TPM2 antibody (AA 14-284)



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Overview

Quantity:	100 µg
Target:	TPM2
Binding Specificity:	AA 14-284
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TPM2 antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Tropomyosin beta chain protein (14-284AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	TPM2
Alternative Name:	TPM2 (TPM2 Products)
Background:	Background: 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

Target Details

striated muscle contraction. Smooth muscle contraction is regulated by interaction with caldesmon. In non-muscle cells is implicated in stabilizing cytoskeleton actin filaments. The non-muscle isoform may have a role in agonist-mediated receptor internalization

Aliases: Alpha tropomyosin antibody, AMCD1 antibody, Arthrogyrosis multiplex congenital distal type 1 antibody, Beta tropomyosin antibody, Beta-tropomyosin antibody, Cytoskeletal tropomyosin TM30 antibody, DA1 antibody, DA2B antibody, epididymis secretory protein Li 273 antibody, FLJ41118 antibody, Heat stable cytoskeletal protein 30 kDa antibody, HEL-S-273 antibody, hscp30 antibody, HTM alpha antibody, hTM5 antibody, MGC14582 antibody, MGC3261 antibody, MGC72094 antibody, NEM1 antibody, NEM4 antibody, Nemaline myopathy type 4 antibody, OK/SW cl.5 antibody, Sarcomeric tropomyosin kappa antibody, TM 5 antibody, TM3 antibody, TM30 antibody, TM30nm antibody, TMSA antibody, TMSB antibody, TPM 1 antibody, TPM 3 antibody, TPM1 alpha antibody, TPM1 kappa antibody, TPM2 antibody, TPM2_HUMAN antibody, TRK antibody, Tropomyosin 1 alpha antibody, Tropomyosin 1 alpha chain antibody, Tropomyosin 1 alpha chain isoform 6 antibody, Tropomyosin 2 (beta) antibody, Tropomyosin 2 antibody, Tropomyosin 3 antibody, Tropomyosin alpha 3 chain antibody, Tropomyosin alpha striated muscle isoform antibody, Tropomyosin beta chain antibody, Tropomyosin gamma antibody, Tropomyosin skeletal muscle beta antibody, Tropomyosin-2 antibody

UniProt: [P07951](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Handling

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.