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anti-TPM2 antibody (AA 11-130)



Overview



Quantity:	100 μL
Target:	TPM2
Binding Specificity:	AA 11-130
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TPM2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)),
	Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-

Product Details

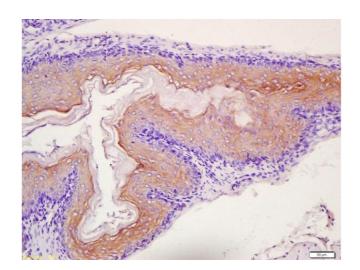
Immunogen:	KLH conjugated synthetic peptide derived from human TPM2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Chicken,Rabbit
Purification:	Purified by Protein A.

embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Target Details

Target Details

rarget Details	
Alternative Name:	TPM2 (TPM2 Products)
Background:	Synonyms: Tropomyosin beta chain, Beta-tropomyosin, Tropomyosin-2, TPM2, TMSB, DA1A,
	DA2B, NEM4, AMCD1, HEL-S-273
	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
	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.
Gene ID:	7169
UniProt:	P07951
Application Details	
Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be
	handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded mouse stomach labeled with Anti-Trop-2 Polyclonal Antibody, Unconjugated (ABIN673884) at 1:200 followed by conjugation to the secondary antibody and DAB staining