

	<h1>TPM1 Rabbit pAb</h1>	E 2 5 0 1 1 5 7
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Swiss-Prot No.:	P09493
Altername:	TPM1
Storage/Stability:	Store at -20°C. Avoid freeze / thaw cycles.
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-245 of human TPM1 (NP_001018008.1).
Purification:	Affinity purified
Reactivity:	Human,Mouse,Rat,Zebrafish
Other Names:	CMH3; TMSA; CMD1Y; LVNC9; C15orf13; HEL-S-265; HTM-alpha
Cellular localization:	Cytoplasm, Cytoskeleton
Relevance:	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.
Source:	Rabbit
Antibody type:	Polyclonal antibody

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Isotype:	Rabbit IgG
Molecular Weight:	36kDa
Preservative:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Recommended Dilutions:	WB 1:500 - 1:2000; IHC 1:50 - 1:200; IF 1:50 - 1:200 (Optimal dilutions should be determined by the end user)