

TMOD1 rabbit pAb

Catalog No :	YN6139
Reactivity :	Human;Mouse;Rat
Applications :	WB
Target :	TMOD1
Gene Name :	TMOD1 D9S57E TMOD
Protein Name :	Tropomodulin-1 (Erythrocyte tropomodulin) (E-Tmod)
Human Gene Id :	7111
Human Swiss Prot No :	P28289
Mouse Gene Id :	21916
Mouse Swiss Prot No :	P49813
Rat Swiss Prot No :	P70567
Immunogen :	Synthesized peptide derived from human TMOD1
Specificity :	This antibody detects endogenous levels of TMOD1 at Human, Mouse,Rat
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability :	<u>-15°C to -25°C/1 year(Do not lower than -25°C)</u>
Molecularweight :	<u>39kD</u>
Function :	<u>Blocks the elongation and depolymerization of the actin filaments at the pointed end. The Tmod/TM complex contributes to the formation of the short actin protofilament, which in turn defines the geometry of the membrane skeleton. May play an important role in regulating the organization of actin filaments by preferentially binding to a specific tropomyosin isoform at its N-terminus.</u>
Subcellular Location :	<u>Cytoplasm, cytoskeleton . In myofibrils with sarcomeric structure, localizes to the pointed end of actin thin filaments (PubMed:25250574). .</u>
Expression :	<u>Highly expressed in the erythrocyte, heart and skeletal muscle.</u>
Sort :	<u>24816</u>
No4 :	<u>1</u>
Host :	<u>Rabbit</u>
Modifications :	<u>Unmodified</u>

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