TMOD1 Rabbit pAb

Catalog No	YP-Ab-19413
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	TMOD1 D9S57E TMOD
Protein Name	Tropomodulin-1 (Erythrocyte tropomodulin) (E-Tmod)
Immunogen	Synthesized peptide derived from human TMOD1. AA range:25-125
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
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Calculated Molecular Weight	39kD
Cell Pathway	Cytoplasm , cytoskeleton . In myofibrils with sarcomeric structure , localizes to the pointed end of actin thin filaments (PubMed:25250574) . .
Tissue Specificity	Highly expressed in the erythrocyte , heart and skeletal muscle.
Function	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.
Background	
matters needing attention	Avoid repeated freezing and thawing!

Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images