

TNNC1 rabbit pAb

Cat No.:ES12618

For research use only

Overview

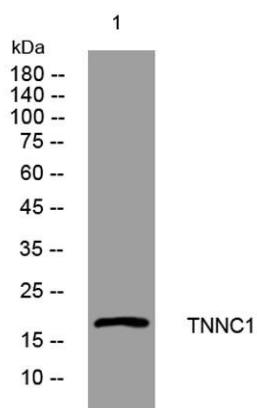
Product Name	TNNC1 rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human; Mouse
Recommended dilutions	WB 1: 500-2000
Immunogen	Synthesized peptide derived from human TNNC1 AA range: 57-107
Specificity	This antibody detects endogenous levels of TNNC1 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	TNNC1
Gene Name	TNNC1 TNNC
Cellular localization	nucleoplasm,mitochondrion,cytosol,troponin complex,actin cytoskeleton,contractile fiber,
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	7134
Human Swiss-Prot Number	P63316
Alternative Names	
Background	Troponin is a central regulatory protein of striated muscle contraction, and together with tropomyosin, is located on the actin filament. Troponin consists of 3 subunits: TnI, which is the inhibitor of actomyosin ATPase; TnT, which contains the binding site for tropomyosin; and TnC, the protein encoded by this gene. The binding of calcium to TnC abolishes the inhibitory action of TnI, thus allowing the interaction





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of actin with myosin, the hydrolysis of ATP, and the generation of tension. Mutations in this gene are associated with cardiomyopathy dilated type 1Z. [provided by RefSeq, Oct 2008],



Western blot analysis of lysates from PC-12 cells, primary antibody was diluted at 1:1000, 4° over night



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