



TNNC2 Polyclonal Antibody

Catalog No	YP-Ab-06322
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	TNNC2
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	TNNC2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TNNC2;troponin C type 2 (fast);Troponin C;skeletal muscle
Observed Band	17kD
Calculated Molecular Weight	17kD
Cell Pathway	cytosol,troponin complex,
Tissue Specificity	Liver,Muscle,Skeletal muscle,Tongue,
Function	function:Troponin is the central regulatory protein of striated muscle contraction. Tn consists of three components: Tn-I which is the inhibitor of actomyosin ATPase, Tn-T which contains the binding site for tropomyosin and Tn-C. The binding of calcium to Tn-C abolishes the inhibitory action of Tn on actin filaments.,miscellaneous:Skeletal muscle troponin C binds four calcium ions.,similarity:Belongs to the troponin C family.,similarity:Contains 4 EF-hand domains.,
Background	Troponin (Tn), a key protein complex in the regulation of striated muscle contraction, is composed of 3 subunits. The Tn-I subunit inhibits actomyosin ATPase, the Tn-T subunit binds tropomyosin and Tn-C, while the Tn-C subunit binds calcium and overcomes the inhibitory action of the troponin complex on actin filaments. The protein encoded by this gene is the Tn-C subunit. [provided



by RefSeq, Jul 2008],

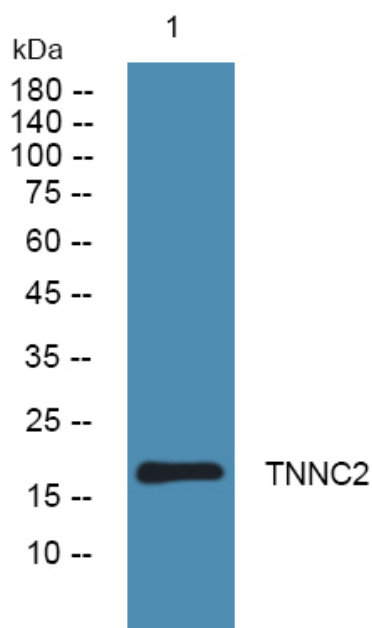
matters needing attention

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



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4° over night