



MYPC2 Polyclonal Antibody

Catalog No	YP-Ab-05774
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	MYBPC2 MYBPCF
Immunogen	Synthesized peptide derived from human protein . at AA range: 560-640
Specificity	MYPC2 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	MYBPCF;Fast MyBP C;MYPC2;MYBPC2 MYBPCF;Myosin-binding protein C; fast-type (Fast MyBP-C) (C-protein;skeletal muscle fast isoform)
Observed Band	130 kDa
Calculated Molecular Weight	1141 aa, 128 kDa
Cell Pathway	cytosol,myosin filament,
Tissue Specificity	Epithelium,Fetal skeletal muscle,Pooled,
Function	function:Thick filament-associated protein located in the crossbridge region of vertebrate striated muscle a bands. In vitro it binds MHC, F-actin and native thin filaments, and modifies the activity of actin-activated myosin ATPase. It may modulate muscle contraction or may play a more structural role., similarity:Belongs to the immunoglobulin superfamily. MyBP family., similarity:Contains 3 fibronectin type-III domains.,similarity:Contains 7 Ig-like C2-type (immunoglobulin-like) domains.,
Background	This gene encodes a member of the myosin-binding protein C family. This family includes the fast-, slow- and cardiac-type isoforms, each of which is a myosin-associated protein found in the cross-bridge-bearing zone (C region) of A bands in striated muscle. The protein encoded by this locus is referred to as the fast-



type isoform. Mutations in the related but distinct genes encoding the slow-type and cardiac-type isoforms have been associated with distal arthrogryposis, type 1 and hypertrophic cardiomyopathy, respectively. [provided by RefSeq, Jul 2012]

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