

Product datasheet

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ARG55658 anti-MYBPC2 antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes MYBPC2

Tested Reactivity Ms, Rat

Tested Application IHC-P, WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name MYBPC2
Species Human

Immunogen Recombinant protein of Human MYBPC2 (NP_004524.3)

Conjugation Un-conjugated

Alternate Names MYBPCF; C-protein, skeletal muscle fast isoform; Fast MyBP-C; MYBPC; Myosin-binding protein C, fast-

type

Application Instructions

| Application table | Application | Dilution |
|-------------------|--|----------------|
| | IHC-P | 1:50 - 1:200 |
| | WB | 1:500 - 1:2000 |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |
| Positive Control | Mouse skeletal muscle | |

Properties

Form Liquid

Purification Affinity purification with immunogen.

Buffer PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links GeneID: 233199 Mouse

Swiss-port # Q5XKE0 Mouse

Gene Symbol MYBPC2

Gene Full Name myosin binding protein C, fast type

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-bridgebearing 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]

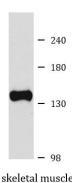
Function Thick filament-associated protein located in the crossbridge region of vertebrate striated muscle a

> bands. In vitro it binds MHC, F-actin and native thin filaments, and modifies the activity of actinactivated myosin ATPase. It may modulate muscle contraction or may play a more structural role.

[UniProt]

Calculated Mw 128 kDa

Images



ARG55658 anti-MYBPC2 antibody WB image

Western blot: Mouse skeletal muscle lysate stained with ARG55658 anti-MYBPC2 antibody.

Mouse skeletal muscle