

MYBPC1 Polyclonal Antibody

Catalog # AP71109

Specification

MYBPC1 Polyclonal Antibody - Product Information

Application WB
Primary Accession O00872

Reactivity Human, Mouse, Rat

Host Rabbit Clonality Polyclonal

MYBPC1 Polyclonal Antibody - Additional Information

Gene ID 4604

Other Names

MYBPC1; MYBPCS; Myosin-binding protein C; slow-type; Slow MyBP-C; C-protein, skeletal muscle slow isoform

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

MYBPC1 Polyclonal Antibody - Protein Information

Name MYBPC1

Synonyms MYBPCS

Function

Thick filament-associated protein located in the crossbridge region of vertebrate striated muscle a bands. Slow skeletal protein that binds to both myosin and actin (PubMed:31025394, PubMed:31264822). In vitro, binds to native thin filaments and modifies the activity of actin-activated myosin ATPase. May modulate muscle contraction or may play a more structural role.

MYBPC1 Polyclonal Antibody - Protocols

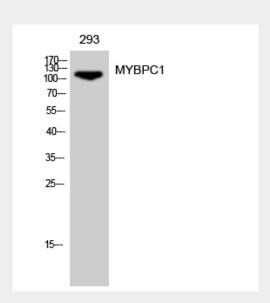
Provided below are standard protocols that you may find useful for product applications.



• Western Blot

- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

MYBPC1 Polyclonal Antibody - Images



Western Blot analysis of 293 cells using MYBPC1 Polyclonal Antibody diluted at 1□500

MYBPC1 Polyclonal Antibody - Background

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.