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Anti-MYBPC1 Antibody

Rabbit polyclonal antibody to MYBPC1
Catalog # AP60341

Product Information

Application	WB
Primary Accession	Q00872
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	128294

Additional Information

Gene ID	4604
Other Names	MYBPCS; Myosin-binding protein C, slow-type; Slow MyBP-C; C-protein, skeletal muscle slow isoform
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MYBPC1. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

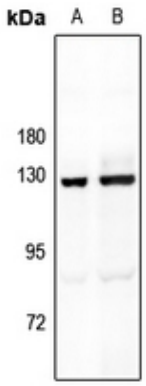
Protein Information

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.

Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MYBPC1. The exact sequence is proprietary.

Images



Western blot analysis of MYBPC1 expression in Hela (A), PC12 (B) whole cell lysates.