

Anti-MYBPC1 Antibody

Catalog Number: A06339-2

About MYBPC1

Myosin binding protein C (MYBPC) is a component of the thick filament of striated muscle, with the slow-type isoform designated MYBPC1. Both the fast-type (MYBPC2) and slow-type MYBPC protein contains seven immunoglobulin C2 motifs and three fibronectin type-III repeats. Multiple isoforms of MYBPC1 are known to exist, and are present in varying amounts in different skeletal muscles. It is thought that the MYBPC1 slow subfamily may play important roles in the assembly and stabilization of sarcomeric M- and A-bands and regulate the contractile properties of the actomyosin filaments.

Overview

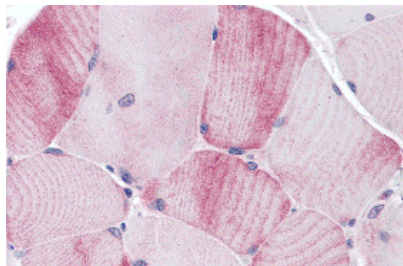
Product Name	Anti-MYBPC1 Antibody
Reactive Species	Human
Description	Boster Bio Anti-MYBPC1 Antibody (Catalog # A06339-2). Tested in ELISA, IHC-P applications. This antibody reacts with Human.
Application	ELISA, IHC-P
Clonality	Polyclonal
Formulation	MYBPC1 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q00872

Technical Details

Immunogen	MYBPC1 antibody was raised against a 12 amino acid synthetic peptide near the carboxy terminus of human MYBPC1. The immunogen is located within the last 50 amino acids of MYBPC1.
Predicted Reactive Species	Bovine, Rat
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	MYBPC1 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	MYBPC1 antibody can be used for detection of MYBPC1 by immunohistochemistry at 5 ug/mL. For immunofluorescence start at 5 ug/mL.

Antibody validated: Immunohistochemistry in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

Anti-MYBPC1 Antibody (A06339-2) Images



Immunohistochemistry of MYBPC1 in human skeletal muscle tissue with MYBPC1 antibody at 5 ug/mL.

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Anti-MYBPC1 Antibody

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