
MYBPC2 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 254241

Unit: 0.1 mg

Description:

Myosin binding protein C (MYBPC) is a component of the thick filament of striated muscle, with the fast-type isoform designated MYBPC2. Both the fast-type and slow-type MYBPC protein contains seven immunoglobulin C2 motifs and three fibronectin type-III repeats. MYBPC2 is typically required for strong contractions and functions under anaerobic conditions. It is more similar to the cardiac isoform (MYBPC3) than to the slow-type isoform (MYBPC1) in terms of pCa50-indexed force development, length-independent cooperativity and length dependent activation. It has been suggested that in cardiac and fast muscle MYBPC2 contributes to an internal load, possibly by binding to actin via its N-terminal region.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M

Format: Each vial contains 0.1 ml IgG in PBS pH 7.4 with 0.02% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: MYBPC2; Myosin-binding protein C fast type; MYBPC; MYBPCF

Accession No.: EAW71866

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within human MYBPC2.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:00-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.