

**Anti-Human/Mouse/Rat MYBPC3 Polyclonal Antibody****Polyclonal Antibody****Cat.NO.: PA05200**

3th Edition

**Description:**MYBPC3 (Myosin Binding Protein C, Cardiac) is a Protein Coding gene. Diseases associated with MYBPC3 include Cardiomyopathy, Hypertrophic, 4 and Left Ventricular Noncompaction 10. Among its related pathways are Cardiac conduction and Dilated cardiomyopathy. GO annotations related to this gene include identical protein binding and structural constituent of muscle. An important paralog of this gene is MYBPC2.MYBPC3 encodes the cardiac isoform of myosin-binding protein C. Myosin-binding protein C is a myosin-associated protein found in the cross-bridge-bearing zone (C region) of A bands in striated muscle. MYBPC3, the cardiac isoform, is expressed exclusively in heart muscle. Regulatory phosphorylation of the cardiac isoform in vivo by cAMP-dependent protein kinase (PKA) upon adrenergic stimulation may be linked to modulation of cardiac contraction. Mutations in MYBPC3 are one cause of familial hypertrophic cardiomyopathy.

**Antigen:**Synthesized peptide derived from human MYBPC3 Polyclonal

**Form:**

**How to use:**1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:**PBS (pH7.4) containing 1% BSA

**Application:**This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**