

Anti-Human/Mouse/Rat MYBPC1 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA05183

3th Edition

Description: This gene encodes a member of the myosin-binding protein C family. Myosin-binding protein C family members are myosin-associated proteins found in the cross-bridge-bearing zone (C region) of A bands in striated muscle. The encoded protein is the slow skeletal muscle isoform of myosin-binding protein C and plays an important role in muscle contraction by recruiting muscle-type creatine kinase to myosin filaments. Mutations in this gene are associated with distal arthrogyrosis type I. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. MYBPC1 (Myosin Binding Protein C, Slow Type) is a Protein Coding gene. Diseases associated with MYBPC1 include Arthrogyrosis, Distal, Type 1B and Lethal Congenital Contracture Syndrome 4. Among its related pathways are Cardiac conduction and Striated Muscle Contraction. GO annotations related to this gene include actin binding and titin binding. An important paralog of this gene is MYBPC2.

Antigen: Synthesized peptide derived from the Internal region of human MYBPC1

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: