

MYBPC3 Rabbit pAb

db21087

Package : 20µL 50µL 100µL

Product Name : MYBPC3 Rabbit pAb**Cat.No.:** db21087**Synonyms** : FHC; CMH4; CMD1MM; LVNC10; MYBP-C; cMyBP-C**Application** : WB**Reactivity** : Human**Host species** : Rabbit**Background**

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. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human MYBPC3

Gene ID

4607

Swiss Prot

Q14896

Synonyms

FHC; CMH4; CMD1MM; LVNC10; MYBP-C; cMyBP-C

Reactivity

Human

Application

WB

Recommended dilution

WB: 1:1000

Calculated MW

141 kDa

Observed MW

150 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium

azide and 0.05% BSA. Stable for 12 months from date of receipt.