

	<h1>MYBPC3 Polyclonal Antibody</h1>	E 9 1 2 3 5 1
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Swiss-Prot No.:	Q14896
Storage/Stability:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Immunogen:	Recombinant protein of human MYBPC3 (NP_000247.2).
Purification:	Affinity purification
Reactivity:	Rat
Other Names:	—
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.
Gene ID:	4607
Source:	Rabbit
Antibody type:	Polyclonal Antibodies
Isotype:	IgG

For Research Use Only

Molecular Weight:	140kDa
Recommended Dilutions:	WB 1:500 - 1:2000