

Rabbit anti-Mouse, Rat MYBPC3 Polyclonal Antibody | anti-MYBPC3 antibody

MYBPC3 Rabbit Polyclonal Antibody

CATALOG # AAA313291	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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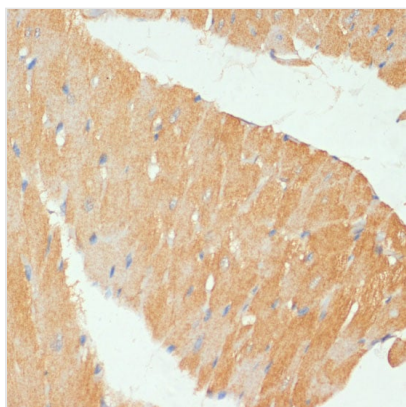
PRODUCT SYNONYMS

MYBPC3; Polyclonal Antibody; MYBPC3 Rabbit Polyclonal Antibody; CMD1MM; CMH4; FHC; LVNC10; MYBP-C; cardiac; anti-MYBPC3 antibody

PRODUCT SPECIFICATIONS

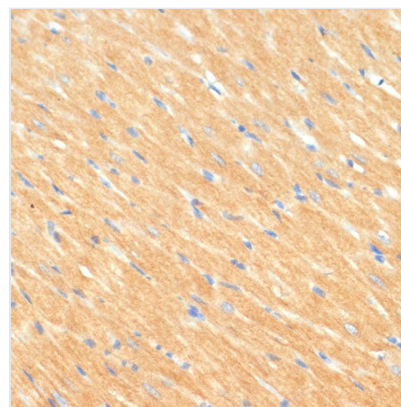
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-MYBPC3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human MYBPC3 (NP_000247.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



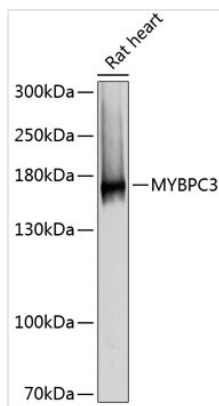
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse heart using MYBPC3 at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat heart using MYBPC3 at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of rat heart, using MYBPC3 at 1:3000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-MYBPC3 antibody	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.
Product Categories/Family for anti-MYBPC3 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	148596957
NCBI GeneID	4607
NCBI Accession #	NP_000247.2
NCBI GenBank Nucleotide #	NM_000256.3
UniProt Accession #	Q14896 ; Q16410 ; Q6R2F7 ; Q9UE27 ; Q9UM53 ; A5PL00
Molecular Weight	140,762 Da
NCBI Official Full Name	myosin-binding protein C, cardiac-type
NCBI Official Synonym Full Names	myosin binding protein C, cardiac
NCBI Official Symbol	MYBPC3
NCBI Official Synonym Symbols	FHC; CMH4; MYBP-C
NCBI Protein Information	myosin-binding protein C, cardiac-type; C-protein, cardiac muscle isoform
UniProt Protein Name	Myosin-binding protein C, cardiac-type
UniProt Gene Name	MYBPC3
UniProt Synonym Gene Names	Cardiac MyBP-C
UniProt Entry Name	MYPC3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/mybpc3-antibody-immunohistochemistry-western-blot-elisa/313291>