

Rabbit MYBPC3 Polyclonal Antibody | anti-MYBPC3 antibody

MYBPC3 Antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198882	Rabbit	Tested: Human; Predicted: Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat	Western Blot

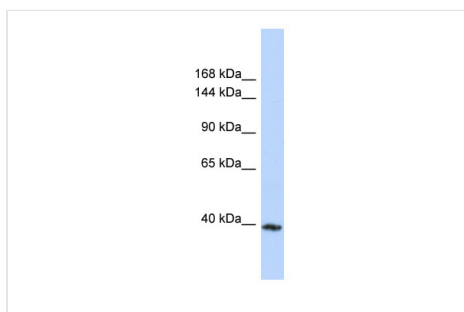
PRODUCT SYNONYMS

MYBPC3; Polyclonal Antibody; MYBPC3 Antibody - C-terminal region; anti-MYBPC3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested: Human; Predicted: Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100 ul at 0.5-1 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following sequence: KG KWVDLSSKVG QHLQLHDSYD RASKVYLFEL HITDAQPAFT GSYRCEVS
Sequence Length	365
Applicable Applications for anti-MYBPC3 antibody	WB (Western Blot)
Protein Size (#AA)	365 amino acids
Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 86%; Guinea Pig: 93%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of human MYBPC3
Replacement Item	This antibody may replace item sc-112857 from Santa Cruz Biotechnology
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Host: Rabbit
Target Name: MYBPC3
Sample Type: MCF7 Whole cell lysates
Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-MYBPC3 antibody	This is a rabbit polyclonal antibody against MYBPC3. It was validated on Western Blot Target Description: 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	Polyclonal; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	148596957
NCBI GeneID	4607
NCBI Accession #	NP_000247.2
NCBI GenBank Nucleotide #	NM_000256.3
UniProt Accession #	Q14896
Molecular Weight	40kDa
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; CMD1MM; LVNC10; MYBP-C
NCBI Protein Information	myosin-binding protein C, cardiac-type
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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mybpc3-antibody-western-blot-elisa/198882>