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## Datasheet for ABIN1386377 **anti-MYBPC1 antibody (AA 51-150)**

### Overview

Quantity:	100 µL
Target:	MYBPC1
Binding Specificity:	AA 51-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYBPC1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MYBPC1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Sheep,Chicken
Purification:	Purified by Protein A.

### Target Details

Target:	MYBPC1
Alternative Name:	MYBPC1 ( <a href="#">MYBPC1 Products</a> )

## Target Details

Background:	<p>Synonyms: skeletal muscle slow isoform, slow-type, C protein, skeletal muscle slow isoform, C-protein, MYBPC1, MYBPCC, MYBPCS, Myosin binding protein C, slow type, Myosin-binding protein C, MYPC1_HUMAN, skeletal muscle C protein, Slow MyBP C, Slow MyBP-C.</p> <p>Background: MYBPC1 is a 1,141 amino acid protein that contains three fibronectin type-III domains and seven Ig-like C2-type domains. Existing as a member of the immunoglobulin superfamily, MYBPC1 functions as a thick filament-associated protein that localizes to striated muscle bands in vertebrae and is thought to modify the activity of select ATPases. Additionally, MYBPC1 may play a role in the modulation of muscle contraction and in the overall structural integrity of the cell. The gene encoding MYBPC1 maps to human chromosome 12, which encodes over 1,100 genes and comprises approximately 4.5 % of the human genome.</p> <p>Chromosome 12 is associated with a variety of diseases and afflictions, including hypochondrogenesis, achondrogenesis, Kniest dysplasia, Noonan syndrome and Trisomy 12p, which causes facial developmental defects and seizure disorders.</p>
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## Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

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Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months