Datasheet for ABIN1388879

anti-MYBPC1 antibody (AA 51-150) (Alexa Fluor 555)

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Overview

Quantity:	100 µL
Target:	MYBPC1
Binding Specificity:	AA 51-150
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYBPC1 antibody is conjugated to Alexa Fluor 555
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

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 (MYBPC1 Products)
Background:	Synonyms: skeletal muscle slow isoform, slow-type, C protein, skeletal muscle slow isoform, C-

Target Details

	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. 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. 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.

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % 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:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months