

Product Datasheet

MYBPC1 Antibody - BSA Free NBP2-41157

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-41157

MYBPC1 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS

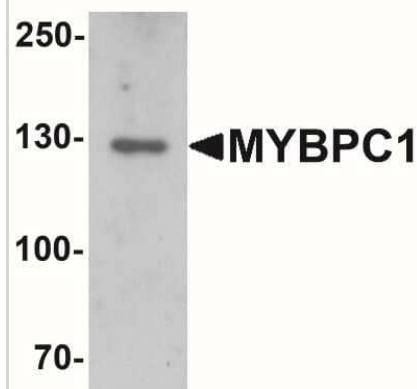
Product Description	
Host	Rabbit
Gene ID	4604
Gene Symbol	MYBPC1
Species	Human, Mouse, Rat
Specificity/Sensitivity	At least five isoforms of MYBPC1 are known to exist. MYBPC1 antibody is predicted not to cross-react with other MYBPC family members
Immunogen	Antibody was raised against an 18 amino acid synthetic peptide near the amino terminus of human MYBPC1. The immunogen is located within amino acids 160 - 210 of MYBPC1. Amino Acid Sequence: DIRSAFKRSGEGQEDAGE

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1 ug/mL, ELISA, Immunocytochemistry/ Immunofluorescence 20 ug/mL

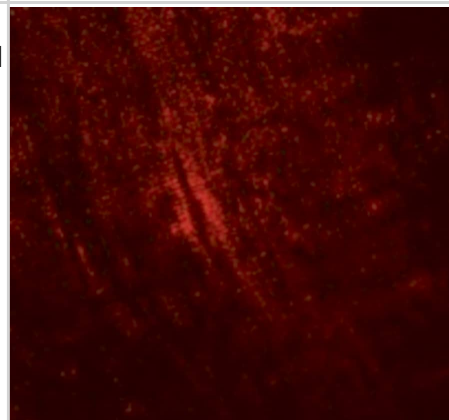


Images

Western Blot: MYBPC1 Antibody [NBP2-41157] - Western blot analysis of MYBPC1 in rat skeletal muscle tissue lysate with MYBPC1 antibody at 1 ug/mL.



Immunocytochemistry/ Immunofluorescence: MYBPC1 Antibody - BSA Free [NBP2-41157] - Immunofluorescence of MYBPC1 in mouse skeletal muscle cells with MYBPC1 antibody at 20 ug/mL.



Publications

Teigen LE, Sundberg CW, Kelly LJ et al. Ca²⁺ dependency of limb muscle fiber contractile mechanics in young and older adults *Am. J. Physiol., Cell Physiol.* 2020-06-01 [PMID: 32348175]

Hessel AL, Engels NM, Kuehn M et al. Myosin-binding protein C forms C-links and stabilizes OFF states of myosin *bioRxiv : the preprint server for biology* 2023-09-12 [PMID: 37745361] (WB, Mouse)



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Products Related to NBP2-41157

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00004604-Q01-10ug	Recombinant Human MYBPC1 GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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