

Nur für Forschungszwecke

MYBPC3 Polyklonaler Antikörper

Katalog-Nr.: 19977-1-AP

2 Publikationen



Allgemeine Informationen

Katalog-Nr.: 19977-1-AP	GenBank-Zugangsnummer: NM_000256	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 1000 µg/ml von 4607 Nanodrop;	GeneID (NCBI): Vollständiger Name: myosin binding protein C, cardiac	Empfohlene Verdünnungen: WB 1:500-1:3000 IHC 1:50-1:500 IF 1:50-1:500
Wirt: Kaninchen	Berechnete Masse: 141 kDa	
Isotyp: IgG	Beobachtete Masse: 141-150 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IHC, WB, ELISA	Positivkontrollen: WB : Mausherzgewebe, humanes Herzgewebe, Rattenherzgewebe
In Publikationen genannte Anwendungen: IHC, WB	IHC : Mausherzgewebe,
Getestete Reaktivität: Human, Maus, Ratte	IF : Mausherzgewebe,
Zitierte Arten: Human, Maus	

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Hintergrundinformationen

MYBPC3 belongs to the immunoglobulin superfamily and MyBP family. MYBPC3 located in the crossbridge region of vertebrate striated muscle a bands. In vitro it binds MHC, F-actin and native thin filaments, and modifies the activity of actin-activated myosin ATPase. It may modulate muscle contraction or may play a more structural role. Defects in MYBPC3 are the cause of cardiomyopathy familial hypertrophic type 4 (CMH4). The antibody detects the full length form and the degradation bands around 28-54 kDa in SDS-PAGE.(PMID: 22076249)

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Jie-Yuan Jin	35310975	Front Cardiovasc Med	IHC
Julia Straubinger	28138039	FASEB J	WB

Lagerung

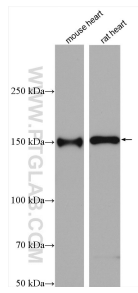
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

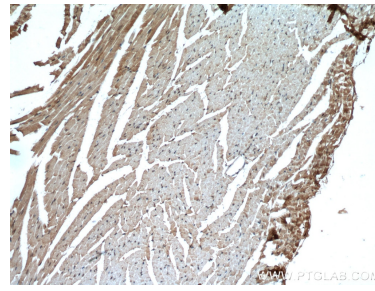
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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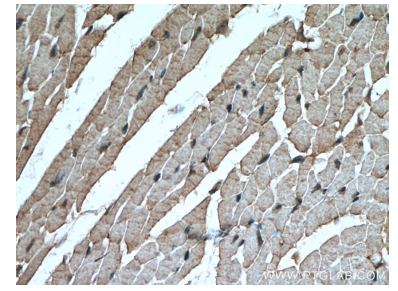
Ausgewählte Validierungsdaten



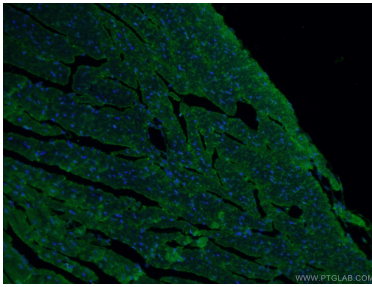
Various lysates were subjected to SDS PAGE followed by western blot with 19977-1-AP (MYBPC3 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



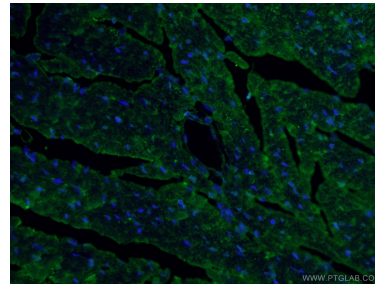
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 19977-1-AP (MYBPC3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 19977-1-AP (MYBPC3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed mouse heart tissue using 19977-1-AP (MYBPC3 antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse heart tissue using 19977-1-AP (MYBPC3 antibody) at dilution of 1:50 and Alexa Fluor 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).