

For Research Use Only

HRC Polyclonal antibody

Catalog Number: 18142-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number: 18142-1-AP	GenBank Accession Number: BC069795	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 800 µg/ml by Nanodrop and 347 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3270	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500 IF 1:50-1:500
Source: Rabbit	Full Name: histidine rich calcium binding protein	
Isotype: IgG	Calculated MW: 699 aa, 80 kDa	
Immunogen Catalog Number: AG12794	Observed MW: 140-150 kDa	

Applications

Tested Applications:

IF, IHC, WB, ELISA

Cited Applications:

IF, IHC, WB

Species Specificity:

human, mouse

Cited Species:

human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse heart tissue, mouse skeletal muscle tissue, HeLa cells

IHC : mouse heart tissue,

IF : HeLa cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Wanyi Lu	33309619	Chem Biol Interact	WB
Ning Liu	33842001	J Adv Res	WB,IHC
Wei Li	37010266	Elife	IF

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

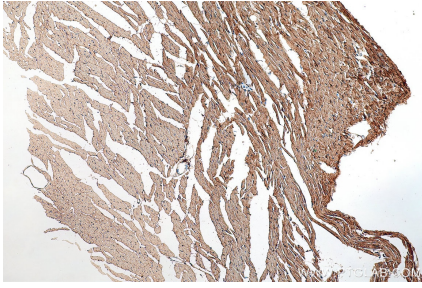
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

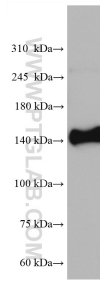
E: proteintech@ptglab.com
W: ptglab.com

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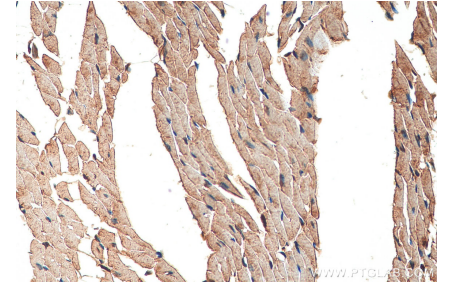
Selected Validation Data



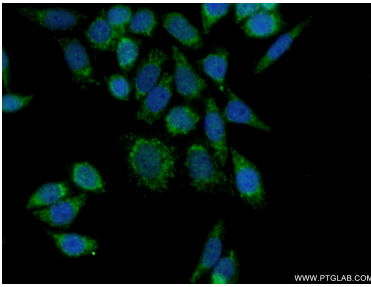
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 18142-1-AP (HRC antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



mouse heart tissue were subjected to SDS PAGE followed by western blot with 18142-1-AP (HRC antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 18142-1-AP (HRC antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 18142-1-AP (HRC antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).