

For Research Use Only

HRC Polyclonal antibody

Catalog Number: 18142-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number:

18142-1-AP

Concentration:

800 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12794

GenBank Accession Number:

BC069795

GeneID (NCBI):

3270

UNIPROT ID:

P23327

Full Name:

histidine rich calcium binding protein

Calculated MW:

699 aa, 80 kDa

Observed MW:

140-150 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:2000

IHC: 1:50-1:500

IF/ICC: 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IHC, IF

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/ICC: HeLa cells,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Gongwei Wu	28474697	Nat Commun	WB
Wanyi Lu	33309619	Chem Biol Interact	WB
Ning Liu	33842001	J Adv Res	WB,IHC

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

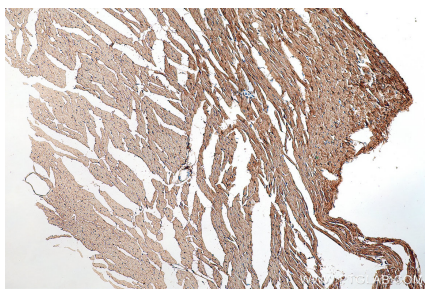
T: 4006900926

E: Proteintech-CN@ptglab.com

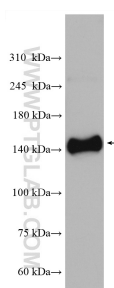
W: ptgcn.com

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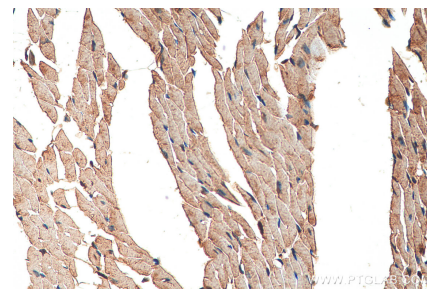
Selected Validation Data



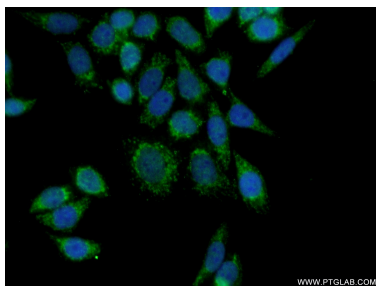
Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 18142-1-AP (HRC antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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 Goat Anti-Rabbit IgG(H+L).