

For Research Use Only

HSPB2 Polyclonal antibody

Catalog Number: 21755-1-AP

2 Publications



Basic Information

Catalog Number:

21755-1-AP

Size:

150ul, Concentration: 200 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16146

GenBank Accession Number:

BC109393

GeneID (NCBI):

3316

UNIPROT ID:

Q16082

Full Name:

heat shock 27kDa protein 2

Calculated MW:

182 aa, 20 kDa

Observed MW:

20-25 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

IF/ICC 1:10-1:100

Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, rat

Cited Species:

human

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 : human skeletal muscle tissue, rat heart tissue

IHC : human heart tissue, human skeletal muscle tissue

IF/ICC : HepG2 cells,

Notable Publications

Author	Pubmed ID	Journal	Application
An-An Yin	31088577	Clin Epigenetics	WB,IHC
Weifang Yu	35154459	J Cancer	WB

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

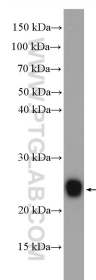
For technical support and original validation data for this product please contact:

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

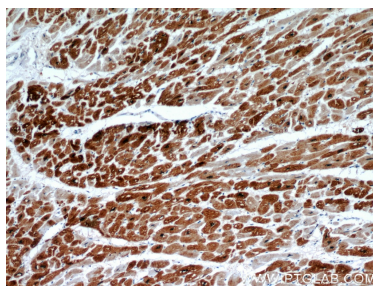
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

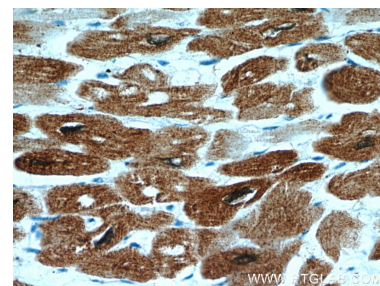
Selected Validation Data



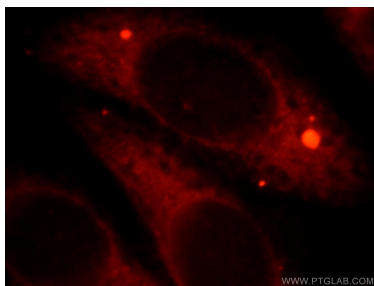
human skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 21755-1-AP (HSPB2 antibody) at dilution of 1:500 incubated at 4 degree celsius over night.



Immunohistochemical analysis of paraffin-embedded human heart using 21755-1-AP (HSPB2 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart using 21755-1-AP (HSPB2 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells, using HSPB2 antibody 21755-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).