

HSPB7 Polyclonal antibody

Catalog Number: 15700-1-AP

3 Publications

Basic Information

Catalog Number:

15700-1-AP

Size:

800 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8328

GenBank Accession Number:

BC006319

GeneID (NCBI):

27129

UNIPROT ID:

Q9UBY9

Full Name:heat shock 27kDa protein family,
member 7 (cardiovascular)**Calculated MW:**

19 kDa

Observed MW:

18-23 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 µg for 1.0-3.0 mg of total
protein lysate

IHC 1:20-1:200

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

WB, IF, IHC

Species Specificity:

human, mouse, rat

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:** HepG2 cells, mouse heart tissue, mouse skeletal
muscle tissue, rat heart tissue**IP:** mouse skeletal muscle tissue,**IHC:** human colon cancer tissue,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Julia Schuld	32887649	Acta Neuropathol Commun	WB,IF
Keerthika Lohanadan	34637763	Exp Cell Res	WB
Jiaying Lin	24585183	Int J Oncol	WB,IHC,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

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

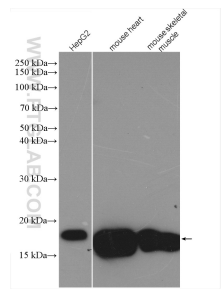
T: 4006900926

E: Proteintech-CN@ptglab.com

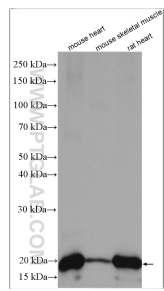
W: ptgcn.com

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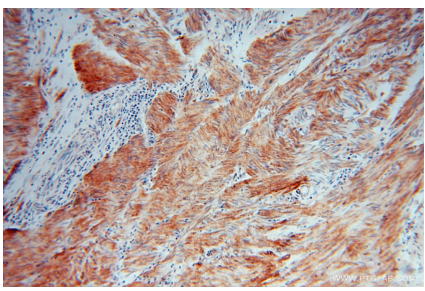
Selected Validation Data



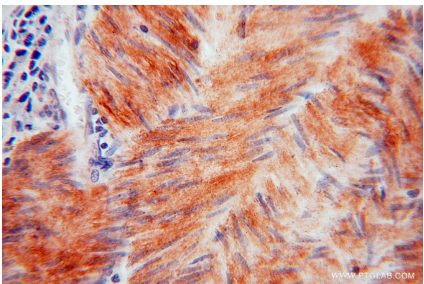
Various lysates were subjected to SDS PAGE followed by western blot with 15700-1-AP (HSPB7 antibody) at dilution of 1:1000 incubated at 4 degree celsius over night.



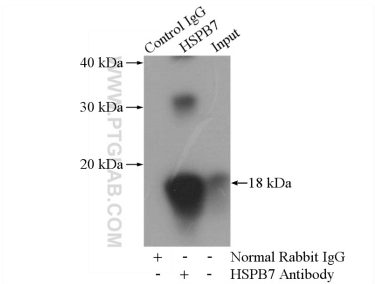
Various lysates were subjected to SDS PAGE followed by western blot with 15700-1-AP (HSPB7 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer using 15700-1-AP (HSPB7 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon cancer using 15700-1-AP (HSPB7 antibody) at dilution of 1:50 (under 40x lens).



IP result of anti-HSPB7 (IP:15700-1-AP, 4ug; Detection:15700-1-AP 1:500) with mouse skeletal muscle tissue lysate 3600ug.