

For Research Use Only

AHSA1 Polyclonal antibody

Catalog Number: 14725-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

14725-1-AP

Size:

150ul, Concentration: 750 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6482

GenBank Accession Number:

BC000321

GeneID (NCBI):

10598

UNIPROT ID:

O95433

Full Name:

AHA1, activator of heat shock 90kDa protein ATPase homolog 1 (yeast)

Calculated MW:

338 aa, 38 kDa

Observed MW:

38 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:3000

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

IHC 1:20-1:200

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, 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: A431 cells, HeLa cells, mouse brain tissue, HEK-293 cells, A549 cells, rat brain tissue

IP: mouse brain tissue,

IHC: human gliomas tissue, mouse skeletal muscle tissue

IF/ICC: A431 cells,

Notable Publications

Author	Pubmed ID	Journal	Application
Jiakang Zhang	36230524	Cancers (Basel)	WB
Wenli Li	35757728	Front Immunol	WB,IHC
YanJun Gao	38022728	J Hepatocell Carcinoma	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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

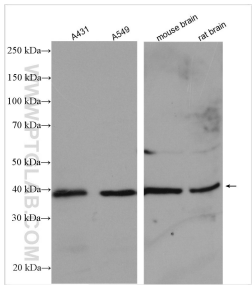
For technical support and original validation data for this product please contact:

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

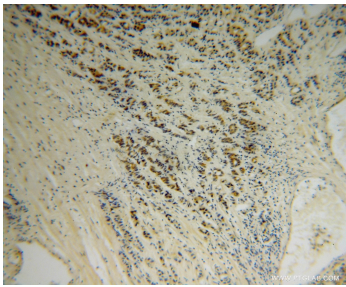
E: proteintech@ptglab.com
W: ptglab.com

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

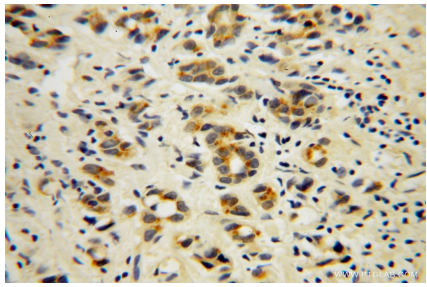
Selected Validation Data



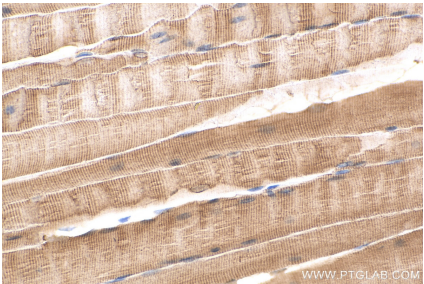
Various lysates were subjected to SDS PAGE followed by western blot with 14725-1-AP (AHSA1 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



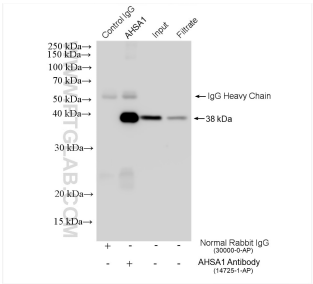
Immunohistochemical analysis of paraffin-embedded human gliomas using 14725-1-AP (AHSA1 antibody) at dilution of 1:50 (under 10x lens).



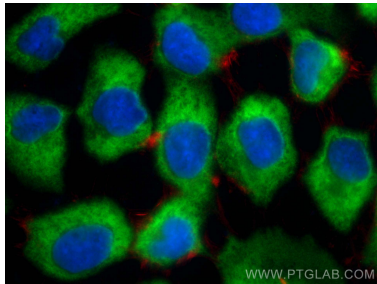
Immunohistochemical analysis of paraffin-embedded human gliomas using 14725-1-AP (AHSA1 antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 14725-1-AP (AHSA1 antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-AHSA1 (IP:14725-1-AP, 4ug; Detection:14725-1-AP 1:5000) with mouse brain tissue lysate 1280 ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed A431 cells using AHSA1 antibody (14725-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).