

For Research Use Only

HAX1 Polyclonal antibody

Catalog Number: 11266-1-AP

Featured Product

16 Publications



Basic Information

Catalog Number:

11266-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 233 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1792

GenBank Accession Number:

BC014314

GeneID (NCBI):

10456

UNIPROT ID:

O00165

Full Name:

HCLS1 associated protein X-1

Calculated MW:

32 kDa

Observed MW:

32 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

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

IHC 1:50-1:500

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC, IF, IP, RIP

Species Specificity:

human, mouse

Cited Species:

human, mouse, pig, monkey, hamster

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 : HeLa cells, HEK-293 cells

IP : mouse brain tissue,

IHC : human lymphoma tissue, mouse brain tissue

IF/ICC : HeLa cells,

Background Information

HAX1, also named as HS1BP1, is a 32 kDa protein that is ubiquitously expressed. Hax1 has been demonstrated to be a negative regulator of apoptosis in many immune cell types. Furthermore, Hax1 has been shown to have additional roles in regulating cell motility and adhesion, and is overexpressed in many types of cancer. Kristina and Cavnar demonstrate in their paper validation of two research antibodies including Proteintech's anti-Hax1 (11266-1-AP). They have evidence that the rabbit anti-Hax1 (11266-1-AP, Proteintech Group Inc.) results in a more robust and consistent detection of Hax1.

Notable Publications

Author	Pubmed ID	Journal	Application
Anna Balcerak	36230905	Cells	WB,RIP
Zhigang Liang	32926529	Thorac Cancer	WB,IF
Jinghui Lin	34755451	J Cell Mol Med	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

*** 20ul sizes contain 0.1% BSA

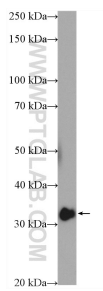
For technical support and original validation data for this product please contact:

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.

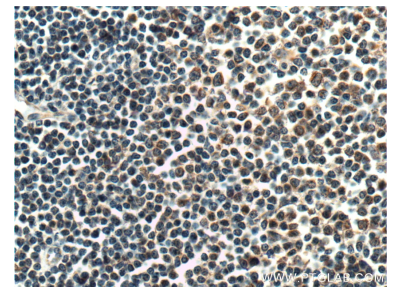
Selected Validation Data



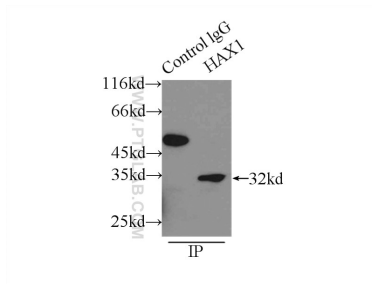
HeLa cells were subjected to SDS PAGE followed by western blot with 11266-1-AP (HAX1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



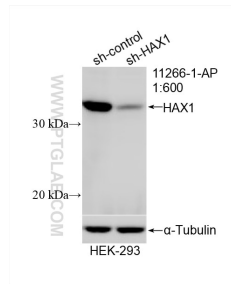
Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 11266-1-AP (HAX1 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



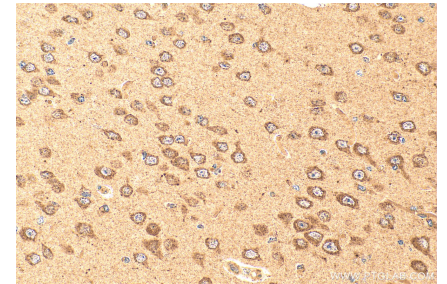
Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 11266-1-AP (HAX1 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



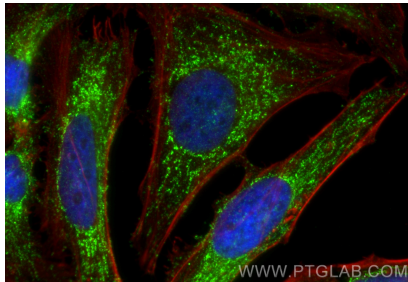
IP result of anti-HAX1 (IP:11266-1-AP, 3ug; Detection:11266-1-AP 1:300) with mouse brain tissue lysate 6000ug.



WB result of HAX1 antibody (11266-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-HAX1 transfected HEK-293 cells.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 11266-1-AP (HAX1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using HAX1 antibody (11266-1-AP) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-Phalloidin (red).