

For Research Use Only

# HAX1 Polyclonal antibody

Catalog Number: 11266-1-AP

Featured Product

6 Publications



## Basic Information

**Catalog Number:**

11266-1-AP

**Size:**

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

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG1792

**GenBank Accession Number:**

BC014314

**GeneID (NCBI):**

10456

**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 IP and 1:200-1:1000 for WB

IHC 1:50-1:500

## Applications

**Tested Applications:**

IHC, IP, WB, ELISA

**Cited Applications:**

IF, IP, WB

**Species Specificity:**

human, mouse

**Cited Species:**

hamster, 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: HeLa cells,

IP: mouse brain tissue,

IHC: human lymphoma tissue,

## 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
Zhigang Liang	32926529	Thorac Cancer	WB, IF
Yalan Zhang	33741962	Nat Commun	WB, IP
Ying Shi	32592929	Fish Shellfish Immunol	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

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.**

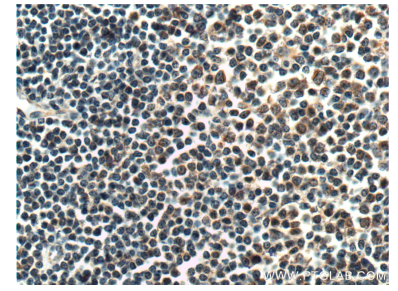
## Selected Validation Data



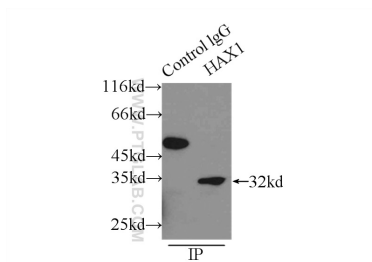
HeLa cells were subjected to SDS PAGE followed by western blot with 11266-1-AP (HAX1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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.