

For Research Use Only

# HMBOX1 Polyclonal antibody

Catalog Number: 16123-1-AP

Featured Product

6 Publications



## Basic Information

### Catalog Number:

16123-1-AP

### Size:

150ul , Concentration: 900 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG9081

### GenBank Accession Number:

BC009259

### GeneID (NCBI):

79618

### UNIPROT ID:

Q6NT76

### Full Name:

homeobox containing 1

### Calculated MW:

420 aa, 47 kDa

### Observed MW:

47 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

## Applications

### Tested Applications:

WB, IP, ELISA

### Cited Applications:

WB, IHC, ChIP

### Species Specificity:

human, mouse, rat

### Cited Species:

human, rat

### Positive Controls:

WB : mouse brain tissue,

IP : mouse brain tissue,

## Notable Publications

Author	Pubmed ID	Journal	Application
Hong-Xia Yuan	30358079	J Cell Mol Med	WB
Guo-Wei Tu	35345489	Front Cardiovasc Med	WB
Shuliang Zhou	28628186	Oncol Rep	

## 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

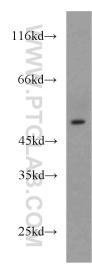
For technical support and original validation data for this product please contact:

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

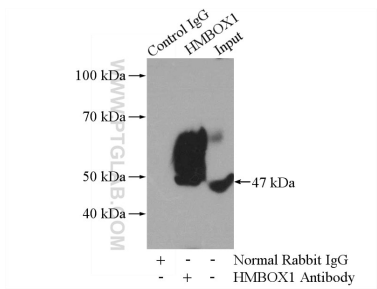
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 16123-1-AP (HMBOX1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-HMBOX1 (IP:16123-1-AP, 4ug; Detection:16123-1-AP 1:1000) with mouse brain tissue lysate 3440ug.