

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 µg/ml by Nanodrop and 300 µg/ml by Bradford method using BSA as the standard;

**Source:**  
Rabbit

**Isotype:**  
IgG

**Immunogen Catalog Number:**  
AG9081

**GenBank Accession Number:**  
BC009259

**GeneID (NCBI):**  
79618

**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 µg for IP and 1:500-1:2000 for WB

## Applications

**Tested Applications:**  
IP, WB, ELISA

**Cited Applications:**  
ChIP, IHC, WB

**Species Specificity:**  
human, mouse, rat

**Cited Species:**  
human, rat

**Positive Controls:**

WB: mouse brain tissue,

IP: mouse brain tissue,

## Background Information

### 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

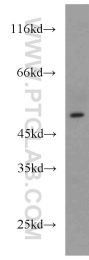
For technical support and original validation data for this product please contact:

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

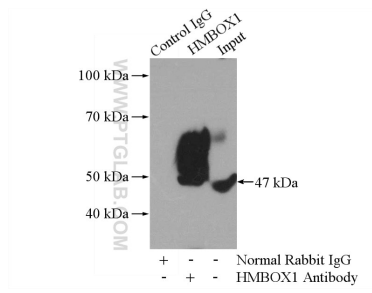
E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



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.