

For Research Use Only

# Histone H1 Polyclonal antibody

Catalog Number: 18201-1-AP **3 Publications**



## Basic Information

**Catalog Number:**  
18201-1-AP

**Size:**  
150ul , Concentration: 350 µg/ml by Nanodrop and 293 µg/ml by Bradford method using BSA as the standard;

**Source:**  
Rabbit

**Isotype:**  
IgG

**Immunogen Catalog Number:**  
AG12704

**GenBank Accession Number:**  
BC101593

**GeneID (NCBI):**  
3024

**Full Name:**  
histone cluster 1, H1a

**Calculated MW:**  
215 aa, 22 kDa

**Observed MW:**  
28 kDa, 30 kDa

**Purification Method:**  
Antigen affinity purification

**Recommended Dilutions:**  
WB 1:500-1:2000  
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

## Applications

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

**Cited Applications:**  
IF, IP, WB

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

**Cited Species:**  
mouse

**Positive Controls:**

**WB:** mouse thymus tissue, mouse kidney tissue, mouse lung tissue

**IP:** mouse kidney tissue,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Antonella Casamassa	35667322	Cell Calcium	WB
Ralf Kleene	36674445	Int J Mol Sci	WB, IP
Gabriele Loers	36768419	Int J Mol Sci	IF

## 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**

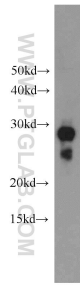
For technical support and original validation data for this product please contact:

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

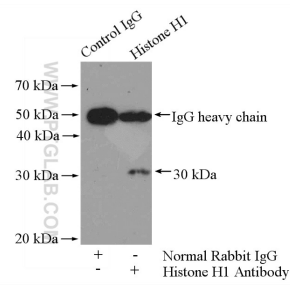
E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



mouse thymus tissue were subjected to SDS PAGE followed by western blot with 18201-1-AP (HIST1H1A antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-Histone H1 (IP:18201-1-AP, 4ug; Detection:18201-1-AP 1:500) with mouse kidney tissue lysate 4400ug.