

For Research Use Only

# Histone H1 Polyclonal antibody

Catalog Number: 18201-1-AP

4 Publications



## Basic Information

### Catalog Number:

18201-1-AP

### Size:

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

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG12704

### GenBank Accession Number:

BC101593

### GeneID (NCBI):

3024

### UNIPROT ID:

Q02539

### 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 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IP, ELISA

### Cited Applications:

WB, IF, IP

### Species Specificity:

human, mouse, rat

### Cited Species:

mouse

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

IP : mouse kidney tissue,

IHC : human stomach tissue,

## Notable Publications

Author	Pubmed ID	Journal	Application
Antonella Casamassa	35667322	Cell Calcium	WB
Ralf Kleene	36674445	Int J Mol Sci	WB,IP
Panxia Wang	39746498	Pharmacol Res	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

\*\*\* 20ul sizes contain 0.1% BSA

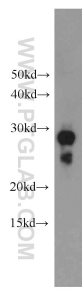
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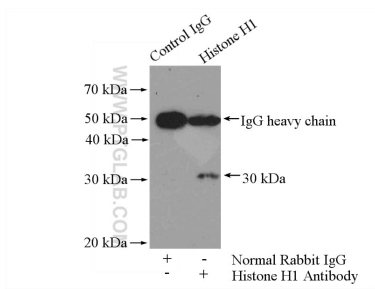
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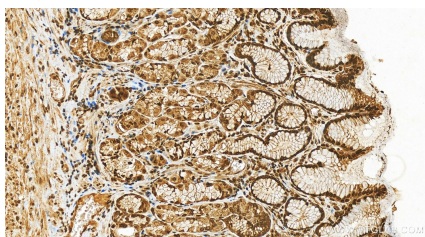
Selected Validation Data



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.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 18201-1-AP (Histone H1 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).