

For Research Use Only

# HIST1H1T Polyclonal antibody

Catalog Number: 18188-1-AP **2 Publications**



## Basic Information

<b>Catalog Number:</b> 18188-1-AP	<b>GenBank Accession Number:</b> BC069517	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 450 µg/ml	<b>GeneID (NCBI):</b> 3010	<b>Recommended Dilutions:</b> WB 1:200-1:1000 IHC 1:400-1:1600
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P22492	
<b>Isotype:</b> IgG	<b>Full Name:</b> histone cluster 1, H1t	
<b>Immunogen Catalog Number:</b> AG12908	<b>Calculated MW:</b> 206 aa, 22 kDa <b>Observed MW:</b> 30 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : mouse testis tissue, IHC : mouse testis tissue,
<b>Cited Applications:</b> WB, IF	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Mengneng Xiong	35284939	Biol Reprod	IF
Yingli Guo	28825854	Cell Cycle	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:

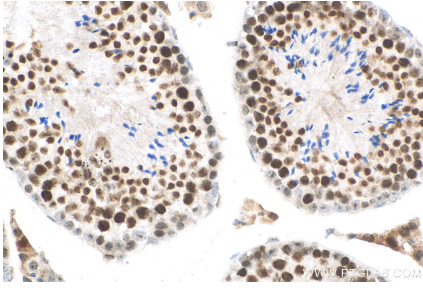
T: 4006900926

E: Proteintech-CN@ptglab.com

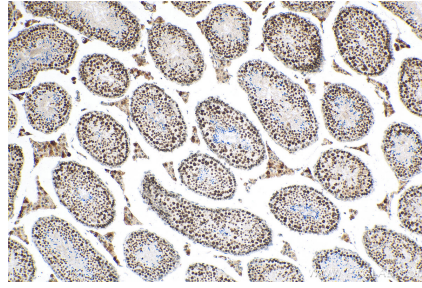
W: ptgcn.com

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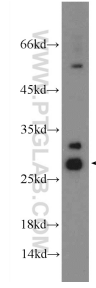
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 18188-1-AP (HIST1H1T antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 18188-1-AP (HIST1H1T antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



mouse testis tissue were subjected to SDS PAGE followed by western blot with 18188-1-AP (HIST1H1T Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.