

For Research Use Only

Histone H2B Polyclonal antibody

Catalog Number: 15857-1-AP **19 Publications**



Basic Information

Catalog Number:

15857-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7811

GenBank Accession Number:

BC005827

GeneID (NCBI):

8349

UNIPROT ID:

Q16778

Full Name:

histone cluster 2, H2be

Calculated MW:

14 kDa

Observed MW:

14-17 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 1:200-1:800

Applications

Tested Applications:

WB, IP, IF, IHC, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, bovine

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: HEK-293 cells, mouse pancreas tissue, Jurkat cells, rat kidney tissue, HeLa cells, U2OS cells, mouse kidney tissue

IP: HEK-293 cells,

IHC: human prostate cancer tissue, human breast cancer tissue

Notable Publications

Author	Pubmed ID	Journal	Application
Tanmoy Saha	34795441	Nat Nanotechnol	IF
Laura Monteonofrio	29563611	Oncogene	WB
Emily J Kay	35760868	Nat Metab	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

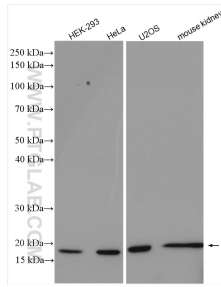
For technical support and original validation data for this product please contact:

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

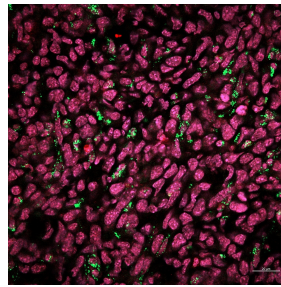
E: proteintech@ptglab.com
W: ptglab.com

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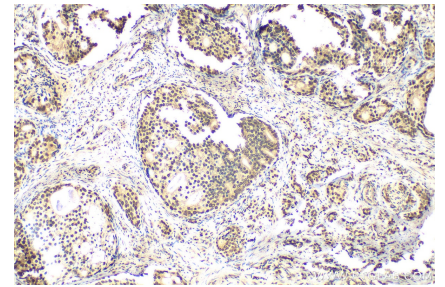
Selected Validation Data



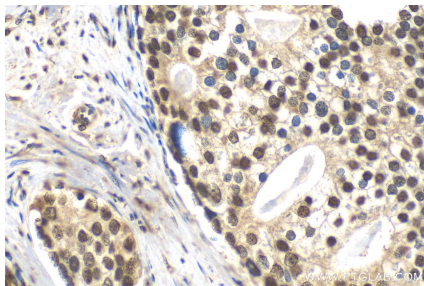
Various lysates were subjected to SDS PAGE followed by western blot with 15857-1-AP (Histone H2B antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



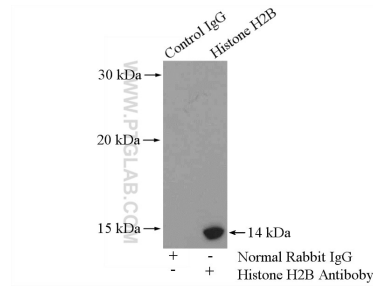
Mouse tumour sections were labelled with H2B (15857-1-AP, red), Dendra2 (green), and DAPI. The image was credited by Dr. Hae Lin Jang from Harvard Medical School.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 15857-1-AP (Histone H2B antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 15857-1-AP (Histone H2B antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-Histone H2B (IP:15857-1-AP, 4ug; Detection:15857-1-AP 1:500) with HEK-293 cells lysate 2000ug.