

For Research Use Only

Histone H2B Polyclonal antibody

Catalog Number: 15857-1-AP **11 Publications**



Basic Information

Catalog Number: 15857-1-AP	GenBank Accession Number: BC005827	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 250 µg/ml by Nanodrop and 193 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 8349	Recommended Dilutions: WB 1:1000-1:4000 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: histone cluster 2, H2be	Calculated MW: 14 kDa
Isotype: IgG	Observed MW: 14-17 kDa	Immunogen Catalog Number: AG7811

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls: WB : HEK-293 cells, mouse pancreas tissue, Jurkat cells, rat kidney tissue, HeLa cells, U2OS cells, mouse kidney tissue
Cited Applications: IF, WB	IP : HEK-293 cells,
Species Specificity: human, mouse, rat	IHC : human pancreas tissue, human breast cancer tissue
Cited Species: human, mouse	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Tanmoy Saha	34795441	Nat Nanotechnol	IF
Laura Monteonofrio	29563611	Oncogene	WB
William F Richter	34263728	Elife	WB

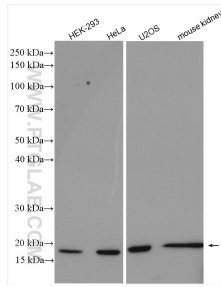
Storage

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

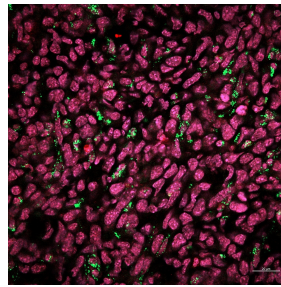
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

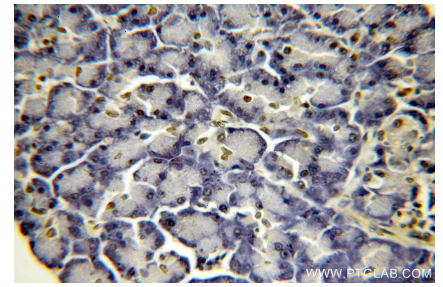
Selected Validation Data



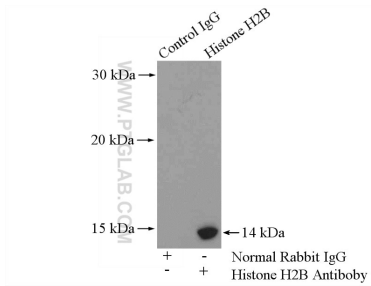
Various lysates were subjected to SDS PAGE followed by western blot with 15857-1-AP (Histone H2B antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



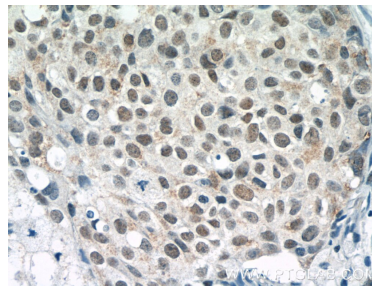
Mouse tumour sections were labelled with H2B (15857-1-AP, red), Dendra2 (green), and DAPI. The image was credited by Dr. Hae Lin Jang from Harvard Medical School.



Immunohistochemical analysis of paraffin-embedded human pancreas using 15857-1-AP (HIST2H2BE antibody) at dilution of 1:100 (under 40x lens).



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



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 15857-1-AP (Histone H2B Antibody) at dilution of 1:50 (under 40x lens).