

For Research Use Only

Histone H2B Polyclonal antibody

Catalog Number: 27740-1-AP



Basic Information

Catalog Number: 27740-1-AP	GenBank Accession Number: BC100855	Purification Method: Antigen affinity purification
Size: 350 µg/ml	GeneID (NCBI): 128312	Recommended Dilutions: WB 1:500-1:3000
Source: Rabbit	UNIPROT ID: Q8N257	
Isotype: IgG	Full Name: histone cluster 3, H2bb	
Immunogen Catalog Number: AG26901	Observed MW: 15-20 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : COLO 320 cells, HEK-293T cells, HEK-293 cells
Species Specificity: Human	

Background Information

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. HIST3H2BB is a replication-dependent histone that is a member of the histone H2B family.

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:

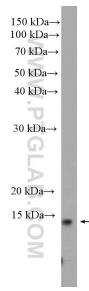
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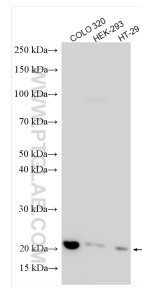
W: ptgcn.com

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Selected Validation Data



HEK-293T cells were subjected to SDS PAGE followed by western blot with 27740-1-AP (HIST3H2BB antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 27740-1-AP (HIST3H2BB antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.