

For Research Use Only

Histone H3.4 Polyclonal antibody

Catalog Number: 18064-1-AP



Basic Information

Catalog Number: 18064-1-AP	GenBank Accession Number: BC101837	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 8290	Recommended Dilutions: WB 1:1000-1:8000
Source: Rabbit	Full Name: histone cluster 3, H3	
Isotype: IgG	Calculated MW: 136 aa, 16 kDa	
Immunogen Catalog Number: AG12671	Observed MW: 16 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : A431 cells, mouse brain tissue, mouse testis tissue
Species Specificity: human, mouse, rat	

Background Information

HIST3H3, also known as H3.1t and H3.4, is a histone H3 protein variant that bears the H3.1 variant hallmark cysteine 96 but includes three extra amino acid substitutions. H3.1t was found to be expressed in primary human spermatocytes at the pachytene stage, similar to the human testis-specific histone H1t variant, where it appears therefore to take part in the process of spermatogenesis (PMID: 21782046).

Storage

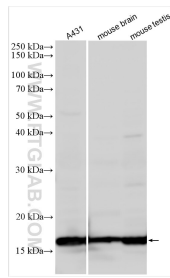
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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

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 18064-1-AP (HIST3H3 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.