

For Research Use Only

Mono/Di/Tri-Methyl-Histone H3 (Lys4) Recombinant antibody

Catalog Number: 84908-1-RR



Basic Information

Catalog Number:

84908-1-RR

Size:

100ul, Concentration: 1000 µg/ml by

Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC066245

GeneID (NCBI):

8350

UNIPROT ID:

P68431

Full Name:

histone cluster 1, H3a

Observed MW:

15 kDa

Purification Method:

Protein A purification

CloneNo.:

241942E11

Recommended Dilutions:

WB 1:5000-1:50000

IHC 1:500-1:2000

Applications

Tested Applications:

WB, IHC, Dot Blot, ELISA

Species Specificity:

human, mouse, rat

**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 : HeLa cells, HepG2 cells, HEK-293 cells, A549 cells,
K-562 cells, NIH/3T3 cells, HSC-T6 cells

IHC : mouse testis tissue, mouse liver tissue, human
placenta tissue

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

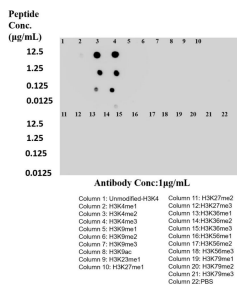
For technical support and original validation data for this product please contact:

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

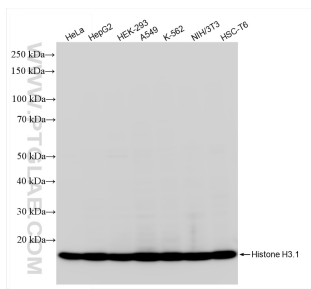
E: proteintech@ptglab.com
W: ptglab.com

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

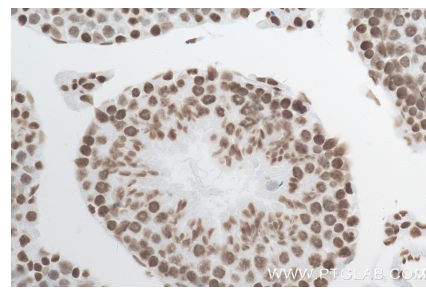
Selected Validation Data



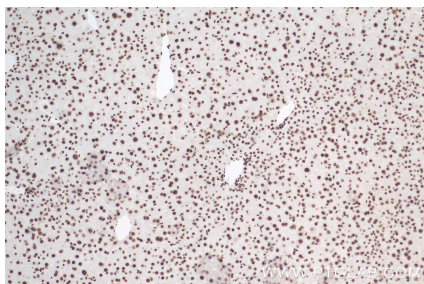
Dot blot analysis was used to confirm the specificity of 84908-1-RR Mono/Di/Tri-Methyl-Histone H3 (Lys4) antibody. Peptides were spotted onto NC and probed with antibody at 1 µg/ml. The amount of peptide (ug/mL) spotted is indicated next to each row.



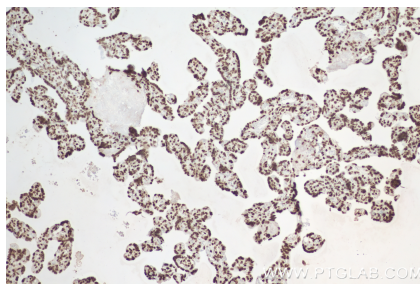
Various lysates were subjected to SDS PAGE followed by western blot with 84908-1-RR (Mono/Di/Tri-Methyl-Histone H3 (Lys4) antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



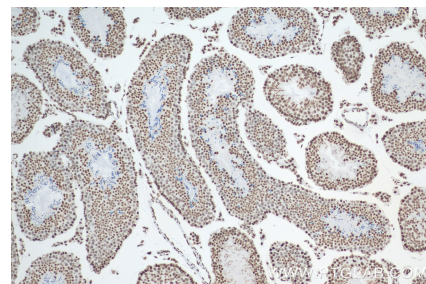
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 84908-1-RR (Mono/Di/Tri-Methyl-Histone H3 (Lys4) antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 84908-1-RR (Mono/Di/Tri-Methyl-Histone H3 (Lys4) antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 84908-1-RR (Mono/Di/Tri-Methyl-Histone H3 (Lys4) antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 84908-1-RR (Mono/Di/Tri-Methyl-Histone H3 (Lys4) antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).