

## Histone H1.2 Rabbit mAb

Catalog No: #49712

Package Size: #49712-1 50ul #49712-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

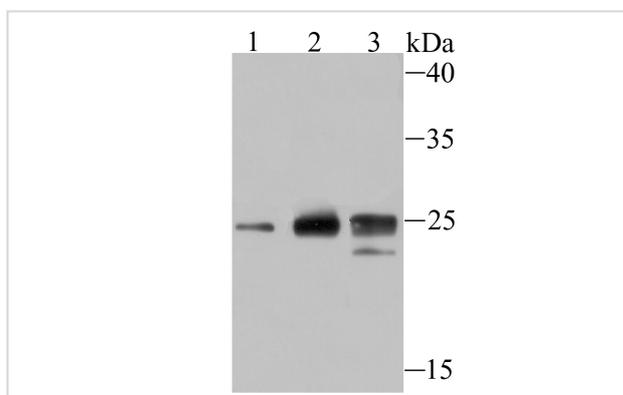
## Description

Product Name	Histone H1.2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JU43-48
Purification	ProA affinity purified
Applications	WB, ICC, IF, IHC, CHIP
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Other Names	H1 histone family member 2 antibody H1.a antibody H12_HUMAN antibody H1F2 antibody H1s-1 antibody HIST1H1C antibody Histone 1 H1c antibody Histone cluster 1 H1c antibody Histone H1.2 antibody Histone H1c antibody Histone H1d antibody Histone H1s-1 antibody MGC3992 antibody
Accession No.	Swiss-Prot#:P16403
Uniprot	P16403
GeneID	3006;
Calculated MW	29 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

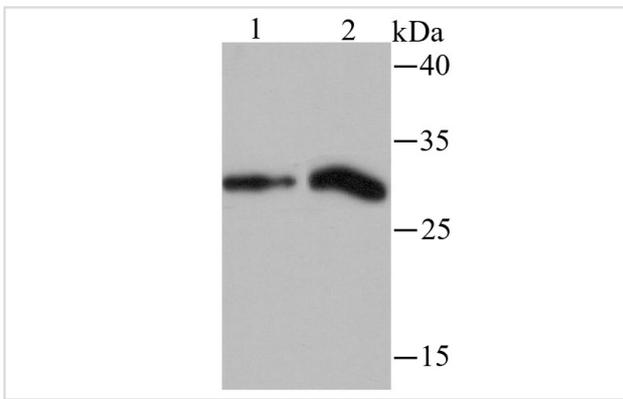
## Application Details

WB: 1:500-1:2,000 IHC: 1:50-1:200 ICC: 1:50-1:100

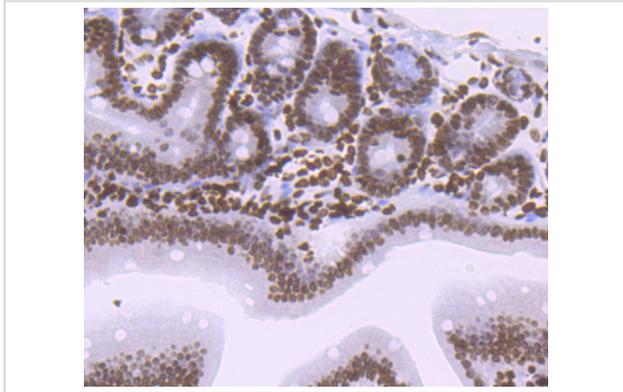
## Images



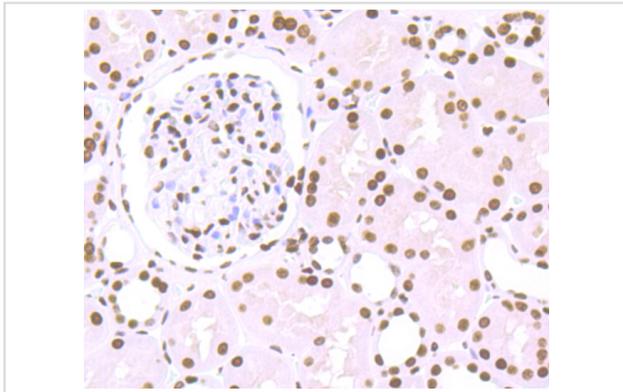
Western blot analysis of Histone H1.2 on different cell lysates using anti-Histone H1.2 antibody at 1/500 dilution. Positive control: Lane 1: Hela Lane 2: 293 Lane 3: MCF-7



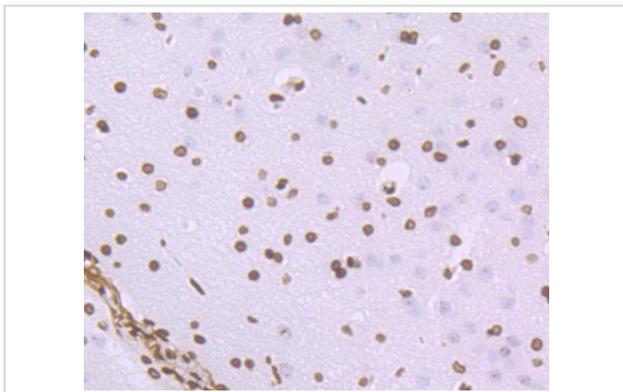
Western blot analysis of Histone H1.2 on Rat liver and Mouse lung tissue lysates using anti-Histone H1.2 antibody at 1/500 dilution.



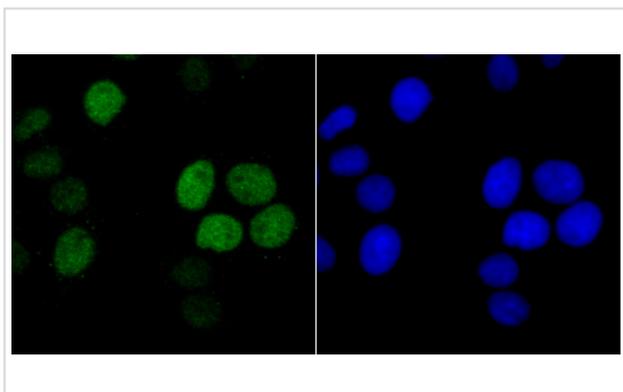
Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-Histone H1.2 antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6) for 20 mins. Counter stained with hematoxylin.



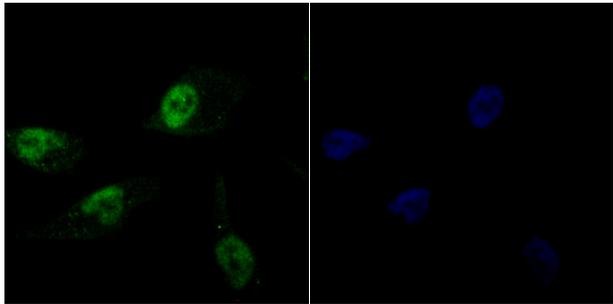
Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-Histone H1.2 antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6) for 20 mins. Counter stained with hematoxylin.



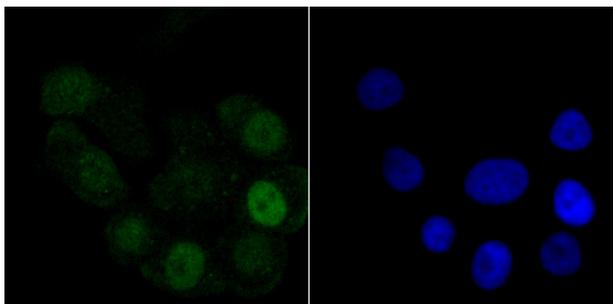
Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-Histone H1.2 antibody. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6) for 20 mins. Counter stained with hematoxylin.



ICC staining Histone H1.2 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Histone H1.2 in PC-3M cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Histone H1.2 in SK-Br-3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

## Background

Histone H1 protein binds to linker DNA between nucleosomes forming the macromolecular structure known as the chromatin fiber. Histones H1 are necessary for the condensation of nucleosome chains into higher-order structured fibers. Acts also as a regulator of individual gene transcription through chromatin remodeling, nucleosome spacing and DNA methylation.

## References

Note: This product is for in vitro research use only