

Histone H3(Acetyl-Lys9) Rabbit Polyclonal Antibody

Catalog No: #HW073



Package Size: #HW073-1 50ul #HW073-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Histone H3(Acetyl-Lys9) Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity purification using immunogen.
Applications	WB IHC;IF;ELISA
Species Reactivity	Hu Rt Ms
Specificity	The Histone H3(Acetyl Lys9) Rabbit Polyclonal Antibody detects endogenous Histone H3 (Acetyl Lys9) protein.
Immunogen Description	A synthetic acetylated peptide corresponding to residues surrounding Lys9 of human histone H3.
Target Name	Histone H3(Acetyl-Lys9)
Modification	Acetyl
Other Names	H3 histone antibody; HIST1H3A antibody; Histone cluster 1; H3a antibody
Accession No.	Swiss-Prot#:P68431
SDS-PAGE MW	17kd
Concentration	1.0mg/ml
Formulation	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C

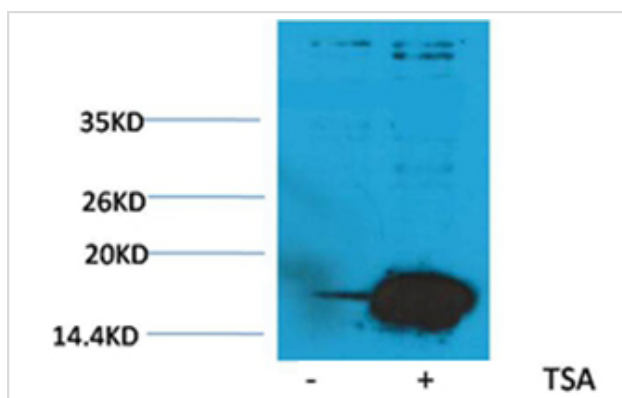
Application Details

Western blotting: 1:500~1:1000

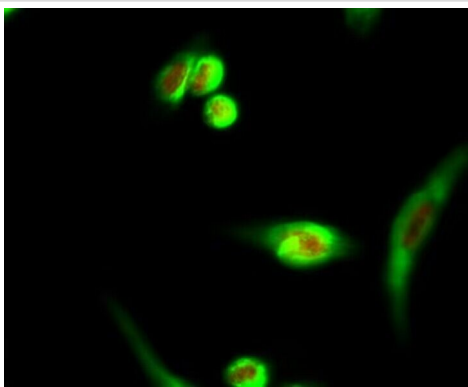
IHC 1:50-300,

IF 1:50-300

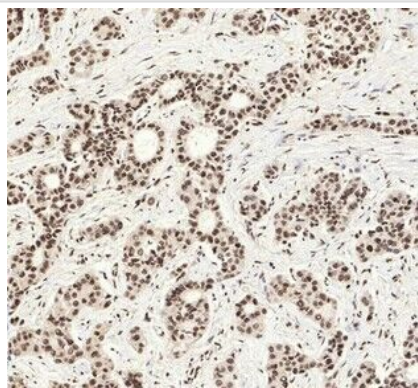
Images



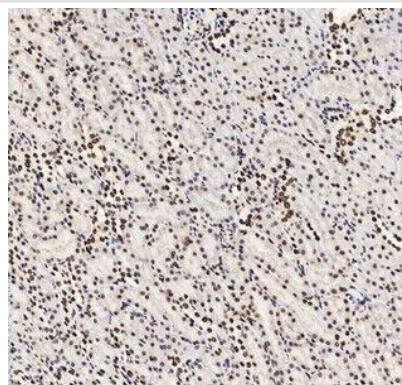
Western blot analysis of extracts from HeLa cells, untreated (-) or treated with TSA (1 μ M, 18 hr; +), using #HW073 diluted at 1:1,000.



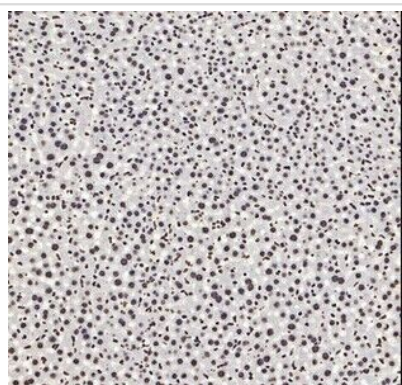
Immunofluorescence analysis of HeLa cell. Histone H3 (Acetyl Lys9) Polyclonal Antibody(red) was diluted at 1:200(4° overnight).



Immunohistochemical analysis of paraffin-embedded Human-liver-cancer tissue. Histone H3 (Acetyl Lys9) Polyclonal Antibody was diluted at 1:200(4°C,overnight).



Immunohistochemical analysis of paraffin-embedded Rat-kidney tissue. Histone H3 (Acetyl Lys9) Polyclonal Antibody was diluted at 1:200(4°C,overnight).



Immunohistochemical analysis of paraffin-embedded Mouse-liver tissue. Histone H3 (Acetyl Lys9) Polyclonal Antibody was diluted at 1:200(4°C,overnight).

Background

Histone H3 is one of the five main histone proteins involved in the structure of chromatin in eukaryotic cells. Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.