

Histone H2A (acetyl K9) Rabbit mAb

Catalog No: #58807

Package Size: #58807-1 50ul #58807-2 100ul

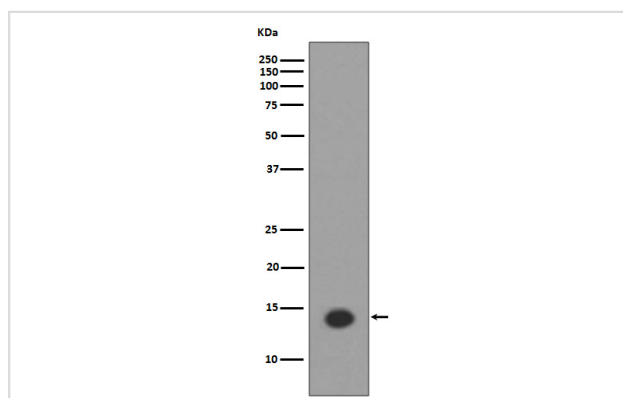
Description

Product Name	Histone H2A (acetyl K9) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	Histone H2A (acetyl K9) Antibody detects endogenous levels of total Histone H2A (acetyl K9)
Immunogen Description	A synthesized peptide derived from human Histone H2A (acetyl K9)
Other Names	H2A; H2A1B; H2AFM; HIST1H2A; Histone H2A.2; Histone H2A/a;
Accession No.	Uniprot:P04908
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

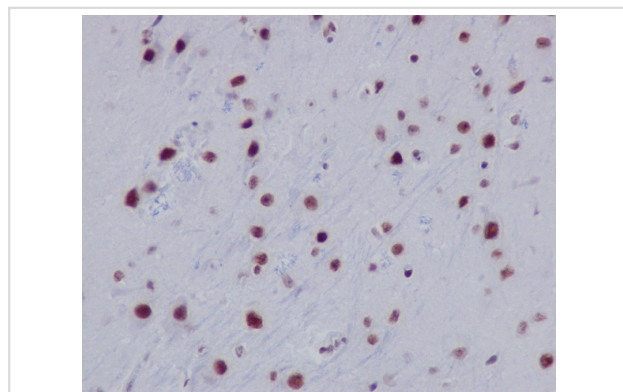
Application Details

WB 1:500~1:2000 IHC 1:500~1:1000 ICC/IF 1:500~1:1000

Images



Western blot analysis of Histone H2A (acetyl K9) expression in HeLa cell lysate treated with Trichostatin A.



Immunohistochemical analysis of paraffin-embedded mouse brain, using Histone H2A (acetyl K9) Antibody.

Background

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. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

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