Product Datasheet

Acetyl-Histone H2A-K5 pAb

Catalog No: #29364

Package Size: #29364-1 50ul #29364-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

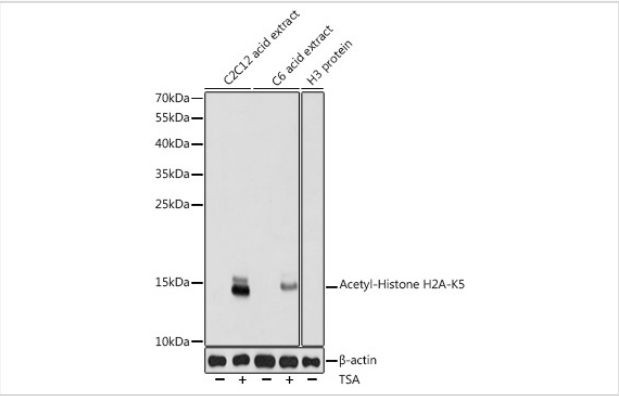
Description

Product Name	Acetyl-Histone H2A-K5 pAb
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic acetylated peptide around K5 of human Histone H2A (NP_003508.1).
Other Names	HIST1H2AI;H2A/c;H2AFC
Accession No.	Uniprot:P0C0S8GeneID:8329
Uniprot	P0C0S8
GeneID	8329
Calculated MW	Refer to figures
SDS-PAGE MW	14kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

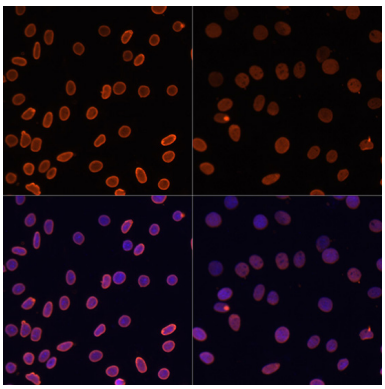
Application Details

WB□1:500 - 1:2000IF□1:50 - 1:100

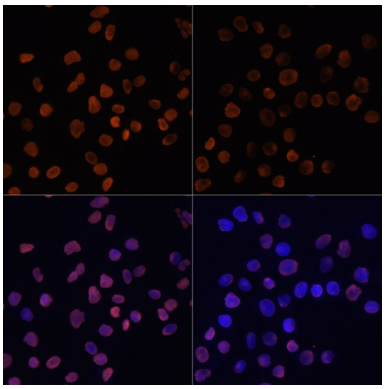
Images



Western blot analysis of extracts of various cell lines, using Acetyl-Histone H2A-K5 antibody.



Immunofluorescence analysis of C6 cells using Acetyl-Histone H2A-K5 antibody.



Immunofluorescence analysis of HeLa cells using Acetyl-Histone H2A-K5 antibody.

Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H2A family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the small histone gene cluster on chromosome 6p22-p21.3.

Note: This product is for in vitro research use only