

Phospho-Histone H1.4 (T17) Antibody

Rabbit mAb

Catalog # AP90503

Product Information

Application	WB, IHC, IF, ICC, IHF
Primary Accession	P10412
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	Histone H1b; Histone H1s-4;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	21865

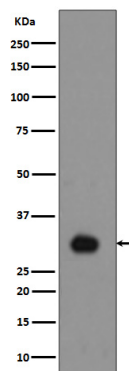
Additional Information

Dilution	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Phospho-Histone H1.4 (T17)
Description	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 (By similarity).
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	H1-4 (HGNC:4718)
Function	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. Also acts as a regulator of individual gene transcription through chromatin remodeling, nucleosome spacing and DNA methylation (By similarity).
Cellular Location	Nucleus. Chromosome. Note=Mainly localizes in heterochromatin. Displays a punctuate staining pattern in the nucleus

Images



Western blot analysis of Phospho-Histone H1.4 (T17) expression in Jurkat cell lysate.

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Immunohistochemical analysis of paraffin-embedded mouse colon, using Phospho-Histone H1.4 (T17) Antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.