

Histone H1.2 Antibody

Rabbit mAb

Catalog # AP91733

Product Information

Application	WB, IHC, IF, ICC, IP, IHF
Primary Accession	P16403
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	H1.a; H1F2; H1s-1; HIST1H1C; Histone H1.2; Histone H1c; Histone H1d; Histone H1s-1;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	21365

Additional Information

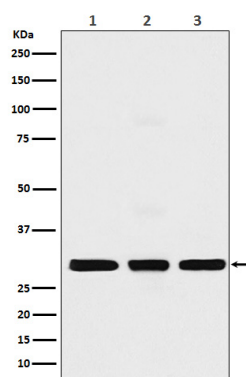
Dilution	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 ChIP
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Histone H1.2
Description	Histones H1 are necessary for the condensation of nucleosome chains into higher order structures.
Storage Condition and Buffer	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	H1-2 (HGNC:4716)
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 euchromatin. Distribution goes in parallel with DNA concentration

Images

Western blot analysis of Histone H1.2 expression in (1) MCF7 cell lysate (2) NIH/3T3 cell lysate; (3) C6 cell lysate.



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