

Anti-Histone H1.0 Antibody

Rabbit polyclonal antibody to Histone H1.0

Catalog # AP60009

Product Information

Application	WB, IHC
Primary Accession	P07305
Other Accession	P10922
Reactivity	Human, Mouse, Rat, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	20863

Additional Information

Gene ID	3005
Other Names	H1FV; Histone H1.0; Histone H1'; Histone H1(0)
Target/Specificity	Recognizes endogenous levels of Histone H1.0 protein.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

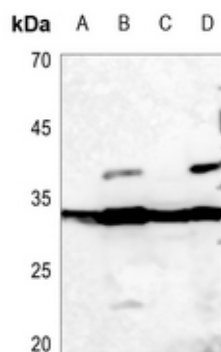
Protein Information

Name	H1-0 (HGNC:4714)
Function	Histones H1 are necessary for the condensation of nucleosome chains into higher-order structures. The histones H1.0 are found in cells that are in terminal stages of differentiation or that have low rates of cell division.
Cellular Location	Nucleus {ECO:0000255 PROSITE-ProRule:PRU00837, ECO:0000269 PubMed:18993075}. Chromosome {ECO:0000255 PROSITE-ProRule:PRU00837, ECO:0000269 PubMed:18993075}. Note=The RNA edited version has been localized to nuclear speckles. During mitosis, it appears in the vicinity of condensed chromosomes

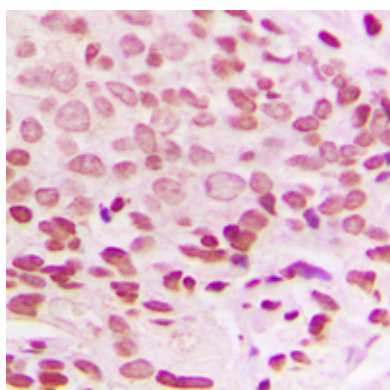
Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Histone H1.0. The exact sequence is proprietary.

Images



Western blot analysis of Histone H1.0 expression in mouse liver (A), mouse kidney (B), rat liver (C), rat kidney (D) whole cell lysates.



Immunohistochemical analysis of Histone H1.0 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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