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Histone Antibody (1F0)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50646

Product Information

Application	WB
Primary Accession	P07305
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Calculated MW	20863

Additional Information

Gene ID	3005
Other Names	Histone H10, Histone H1', Histone H1(0), Histone H10, N-terminally processed, H1F0, H1FV
Dilution	WB~~1:1000
Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.
Storage Conditions	-20℃

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

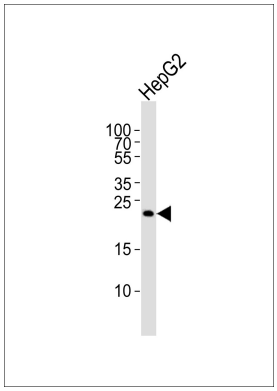
Background

Histones H1 are necessary for the condensation of nucleosome chains into higher-order structures. The H1F0 histones are found in cells that are in terminal stages of differentiation or that have low rates of cell division.

References

Doenecke D.,et al.J. Mol. Biol. 187:461-464(1986).
Collins J.E.,et al.Genome Biol. 5:R84.1-R84.11(2004).
Halleck A.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Dunham I.,et al.Nature 402:489-495(1999).

Images



Western blot analysis of lysate from HepG2 cell line,using Histone Antibody (1F0)(AP50646). AP50646 was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysate at 35ug.