

Histone H1 (Phospho Ser1) rabbit pAb

Cat No.:ES20584

For research use only

Overview

Product Name	Histone H1 (Phospho Ser1) rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB: 1:1000-2000
Immunogen	Synthetic Peptide of Histone H1 (Phospho Ser1)
Specificity	The antibody detects endogenous Histone H1 (Phospho Ser1) protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Histone H1.1/Histone H1.2/Histone H1.3/Histone H1.4
Gene Name	HIST1H1A/HIST1H1C/HIST1H1D/HIST1H1E
Cellular localization	Nucleus . Chromosome . Mainly localizes in euchromatin.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	
Observed band	17-25kD
Human Gene ID	3024/3006/3007/3008
Human Swiss-Prot Number	Q02539/P16403/P16402/P10412
Alternative Names	HIST1H1A; H1F1; Histone H1.1; Histone H1a; HIST1H1C; H1F2; Histone H1.2; Histone H1c; Histone H1d; Histone H1s-1; HIST1H1D; H1F3; Histone H1.3; Histone H1c; Histone H1s-2; HIST1H1E; H1F4; Histone H1.4; Histone H1b; Histone H1s-4
Background	Histones are basic nuclear proteins responsible for 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 H1 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6. [provided by RefSeq, Aug 2015],

Western blot analysis of extracts from HeLa cells, untreated (-) or treated, 1:5000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

