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Rabbit Anti-phospho-Histone H1.4 (Ser27) antibody

SL1737R

Product Name:	phospho-Histone H1.4 (Ser27)
Chinese Name:	磷酸化组蛋白H1,4样蛋白抗体
Alias:	HIST1H1E; H1F4; Histone H1.4; Histone H1b; H14_HUMAN; Histone H1s-4; H1 histone family member 4; H1E; Hist1h1e; Histone 1 H1e; Histone cluster 1 H1e; Histone H1; MGC116819.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Dog,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	24kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated Synthesised phosphopeptide derived from human Histone H1.4 around the phosphorylation site of Ser27:RK(p-S)AG
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Histones are basic nuclear proteins that are responsible for the 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 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. **Function:** Histones H1 are necessary for the condensation of nucleosome chains into higher order structures. **Subcellular Location:** Nucleus. Chromosome. **Post-translational modifications:** Acetylated at Lys-26. Deacetylated at Lys-26 by SIRT1. **Similarity:** Belongs to the histone H1/H5 family. Contains 1 H15 (linker histone H1/H5 globular) domain. **SWISS:** P10412 **Gene ID:** 3008 **Database links:** Entrez Gene: 3008Human Entrez Gene: 50709Mouse Omim: 142220Human SwissProt: P10412Human SwissProt: P43274Mouse Unigene: 248133Human Unigene: 170587Mouse **Important Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
