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Histone H2B (Tri Methyl Lys5) Polyclonal Antibody

Isotype IgG		
Reactivity Human; Mouse; Rat Applications WB Gene Name Histone H2B type 1-A/Histone H2B type 1-B/Histone H2B type 1-C/E/F/G/I Immunogen Synthetic Peptide of Histone H2B (Tri Methyl Lys5) Specificity The antibody detects endogenous Histone H2B (Tri Methyl Lys5) protein. Formulation PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol. Source Polyclonal, Rabbit, IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using specific immunogen. Dilution WB: 1:1000-2000 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms H2BK5ME3; HIST1H2BA; TSH2B; Histone H2B type 1-A; Histone H2B, testis; Testis-specific histone H2B; HIST1H2BB; H2BFF; Histone H2B type 1-C/E/F/G/I; Histone H2B; H2BFA; HIST1H2BE; H2BFK; H1Stone H2B type 1-C/E/F/G/I; Histone H2B.1; H2BFA; H1ST1H2BE; H2BFK; H1Stone H2B. type 1-C/E/F/G/I; Histone H2B.1; H2B/R; Histone H2B.2; H2B/R; Hist	Catalog No	YP-Ab-00823
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'Lys-79' methylation. It also functions cooperatively with the FACT dimer to stimulate elongation by RNA polymerase II.,similarity:Belongs to the histone H2B family.,subunit:The nucleosome is a histone octamer containing two molecules each of H2A, H2B, H3 and H4 assembled in one

Background

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a replication-dependent histone that is a testis/sperm-specific member of the histone H2B family. Transcripts from this gene contain a palindromic termination element. [provided by RefSeq, Aug 2015],

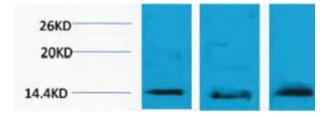
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of 1) Hela, 2) Rat Brain, 3) 3T3, diluted at 1:2000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).