

Histone H2B (Acetyl Lys121) rabbit pAb

Cat No.:ES20077

For research use only

Overview

Product Name	Histone H2B (Acetyl Lys121) rabbit pAb
Host species	Rabbit
Applications	WB; ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	WB 1:1000-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human Histone H2B (Acetyl Lys121)
Specificity	This antibody detects endogenous levels of Human,Mouse,Rat Histone H2B (Acetyl Lys121)
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 H2B (Acetyl Lys121)
Gene Name	HIST1H2BA TSH2B
Cellular localization	Nucleus . Chromosome .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	14kD
Human Gene ID	255626
Human Swiss-Prot Number	Q96A08
Alternative Names	Histone H2B type 1-A (Histone H2B, testis;Testis-specific histone H2B)
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





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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],



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