



Histone H2B (Acetyl Lys126) rabbit pAb

Cat No.:ES1102

For research use only

Overview

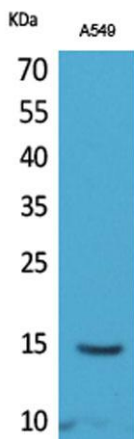
Product Name	Histone H2B (Acetyl Lys126) rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized Acetyl-peptide derived from human H2B around the Acetylation site of Lys126. AA range:78-127
Specificity	Acetyl-Histone H2B (K126) Polyclonal Antibody detects endogenous levels of Histone H2B protein only when acetylated at K126.
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 type 1-A/Histone H2B type 1-B/Histone H2B type 1-C/E/F/G/I
Gene Name	HIST1H2BC
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	15kD
Human Gene ID	255626
Human Swiss-Prot Number	Q96A08
Alternative Names	HIST1H2BA; TSH2B; Histone H2B type 1-A; Histone H2B, testis; Testis-specific histone H2B; HIST1H2BB; H2BFF; Histone H2B type 1-B; Histone H2B.1; Histone H2B.f; H2B/f; HIST1H2BC; H2BFL; HIST1H2BE; H2BFH; HIST1H2BF;H2BFG; HIST1H2BG; H2BFA; HIST1H2BI; H2BFK;



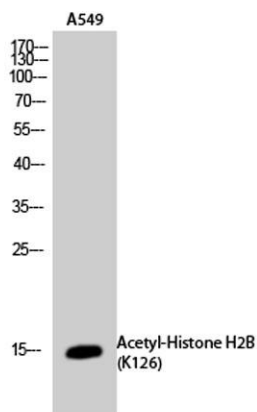


Background

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],



Western Blot analysis of A549 cells using Acetyl-Histone H2B (K126) Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

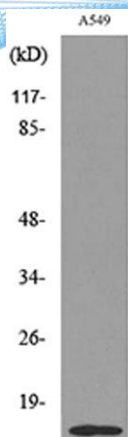


Western Blot analysis of A549 cells using Acetyl-Histone H2B (K126) Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000





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Western blot analysis of lysate from A549 cells, using H2B (Acetyl-Lys126) Antibody.



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