

Histone H2B (Acetyl Lys21) rabbit pAb

Cat No.:ES8624

For research use only

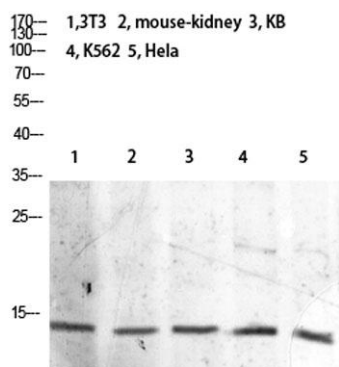
Overview

Product Name	Histone H2B (Acetyl Lys21) rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse
Recommended dilutions	WB 1:500-2000, ELISA 1:10000-20000
Immunogen	Synthetic Acetyl peptide from human protein at AA range: 21
Specificity	The antibody detects endogenous Histone H2B when Acetyl occurs at Lys21
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
Gene Name	Histone H2B
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/P33778/P62807
Alternative Names	H2BFS; Histone H2B type F-S; Histone H2B.s; H2B/s;H2BK21AC
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 3T3 mouse-kidney KB K562 Hela lysate, antibody was diluted at 2000. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

