

Histone H2B (phospho-Ser14) rabbit pAb

Cat No.:ES15736

For research use only

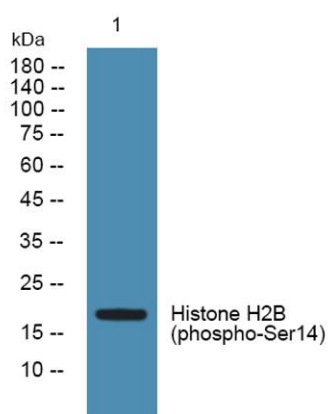
Overview

Product Name	Histone H2B (phospho-Ser14) rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:1000-2000
Immunogen	Synthesized phospho peptide around human Histone H2B (Ser14)
Specificity	This antibody detects endogenous levels of Human Histone H2B (phospho-Ser14)
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 (Ser14)
Gene Name	HIST1H2BH H2BFJ
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	18kD
Human Gene ID	8345
Human Swiss-Prot Number	Q93079
Alternative Names	Histone H2B type 1-H (Histone H2B.j) (H2B/j)
Background	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 replication-dependent histone that is a member of the histone H2B 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. [provided by RefSeq, Aug 2015],



Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4° over night

