



# Histone H2B Polyclonal Antibody

Cat No: HR1AP3637

For research use only

## Overview

Product Name	Histone H2B Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,IF,ELISA
Species Reactivity	Human,Mouse
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	18kDa
GenelD?Human?	HIST1H2BH
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	HIST1H2BH; H2BFJ; Histone H2B type 1-H; Histone H2B.j; H2B/j
Background	histone cluster 1 H2B family member h(HIST1H2BH) <i>Homo sapiens</i> 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],