

Histone H2B Antibody
Rabbit mAb
Catalog # AP90848**Specification**

Histone H2B Antibody - Product Information

Application	WB, IHC, FC, ICC, IP
Primary Accession	O60814
Reactivity	Rat
Clonality	Monoclonal
Other Names	
Histone H2B type 1-H; Histone H2B.j; H2B/j; HIST1H2BH; H2BFJ;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	13890 Da

Histone H2B Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500 FC~~1:10~50 ICC~~N/A IP~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Histone H2B
Description	Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Histone H2B Antibody - Protein Information**Name** H2BC12 ([HGNC:13954](#))**Function**

Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal

stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.

Cellular Location

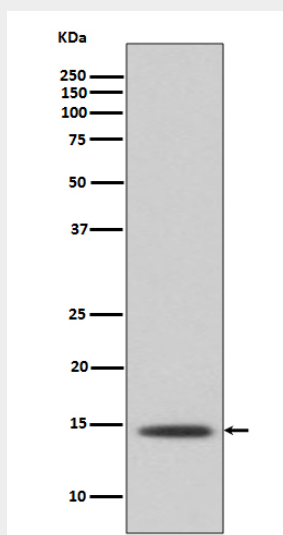
Nucleus. Chromosome.

Histone H2B Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Histone H2B Antibody - Images



Western blot analysis of Histone H2B expression in A431 cell lysate.