

Histone H2B Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51253

Product Information

Application	WB
Primary Accession	P57053
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	13944

Additional Information

Gene ID	54145
Other Names	Histone H2B type F-S, Histone H2Bs, H2B/s, H2BFS
Target/Specificity	KLH conjugated synthetic peptide derived from human Histone H2B
Dilution	WB~~ 1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	H2BC12L (HGNC:4762)
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.

Background

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References

Shimizu N.,et al.Submitted (APR-2000) to the EMBL/GenBank/DDBJ databases.

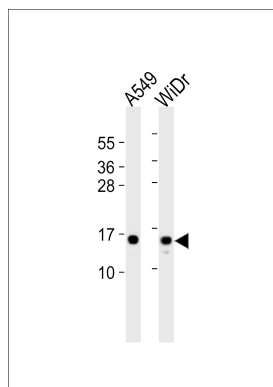
Hattori M.,et al.Nature 405:311-319(2000).

Kim H.S.,et al.J. Immunol. 168:2356-2364(2002).

Frohm M.,et al.Eur. J. Biochem. 237:86-92(1996).

Tollin M.,et al.Peptides 24:523-530(2003).

Images



All lanes : Anti-Histone H2B Antibody at 1:1000 dilution
Lane 1: A549 whole cell lysates Lane 2: WiDr whole cell
lysates Lysates/proteins at 20 µg per lane. Secondary
Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at
1/10000 dilution Predicted band size : 14 kDa
Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.