

Rabbit anti-Human Histone H2B Polyclonal Antibody | anti-HIST1H2BH antibody

Histone H2B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304669	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

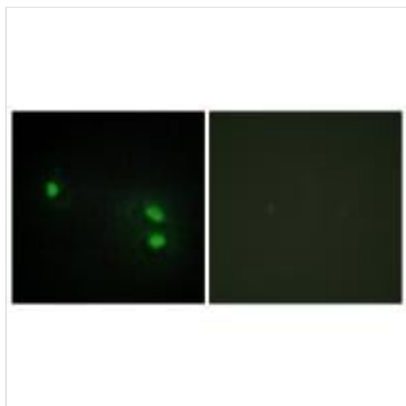
PRODUCT SYNONYMS

Histone H2B; Polyclonal Antibody; Histone H2B Antibody; Histone H2B type 1-H; H2B.j; H2B/j; HIST1H2BH; H2BFJ; anti-HIST1H2BH antibody

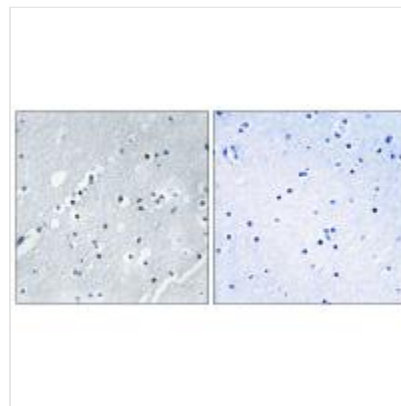
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total Histone H2B protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	126
Applicable Applications for anti-HIST1H2BH antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human Histone H2B.
Target Name	Histone H2B
Preparation and Storage	Store at -20 degree C

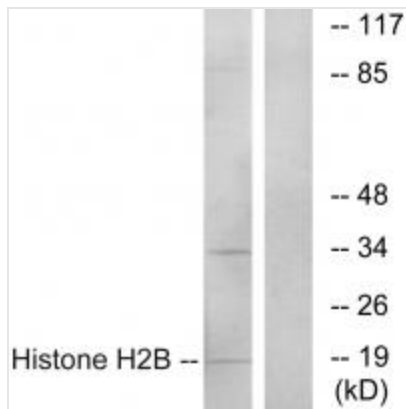
IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells, using Histone H2B antibody.


IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human brain tissue using Histone H2B antibody.



WB (Western Blot)

Western blot analysis of extracts from A549 cells, using Histone H2B antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-HIST1H2BH antibody	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. Albig W., Genomics 40:314-322(1997). Marzluff W.F., Genomics 80:487-498(2002). Mungall A.J., Nature 425:805-811(2003).
Product Categories/Family for anti-HIST1H2BH antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504269
NCBI GeneID	8345
NCBI Accession #	NP_003515.1
NCBI GenBank Nucleotide #	NM_003524.2
UniProt Accession #	Q93079; Q4VB74; B2R541
Molecular Weight	13,892 Da
NCBI Official Full Name	histone H2B type 1-H
NCBI Official Synonym Full Names	histone cluster 1, H2bh
NCBI Official Symbol	HIST1H2BH
NCBI Official Synonym Symbols	H2B/j; H2BFJ
NCBI Protein Information	histone H2B type 1-H
UniProt Protein Name	Histone H2B type 1-H
UniProt Gene Name	HIST1H2BH
UniProt Synonym Gene Names	H2BFJ; H2B/j
UniProt Entry Name	H2B1H_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/histone-h2b-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/304669>