

Histone H2B type 1-K Recombinant Antibody | HIST1H2BK recombinant antibody

Histone H2B type 1-K Antibody

CATALOG # AAA235188	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

Histone H2B type 1-K; Monoclonal Recombinant Antibody; Histone H2B type 1-K Antibody; H2B K; HIRA-interacting protein 1; H2BFT; HIRIP1; HIST1H2BK recombinant antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity-chromatography
Form/Format	Liquid
Sequence Length	126
Applicable Applications for HIST1H2BK recombinant antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	A synthesized peptide
Conjugation	Non-conjugated
Buffer	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

IHC image of AAA235188 diluted at 1:100 and staining in paraffin-embedded human testis tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: Mouse brain tissue, Rat liver tissue, Rat lung tissueAll lanes: Histone H2B type 1-K antibody at 0.16ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 14 KDaObserved band size: 14 KDa

ADDITIONAL INFORMATION

Related Product Information for HIST1H2BK recombinant 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.
Product Categories/Family for HIST1H2BK recombinant antibody	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	914705209
NCBI GeneID	85236
NCBI Accession #	NP_001299582.1
NCBI GenBank Nucleotide #	NM_001312653.1
UniProt Accession #	O60814; Q2VPI7; A8K7P7
Molecular Weight	13,890 Da
NCBI Official Full Name	histone H2B type 1-K
NCBI Official Synonym Full Names	histone cluster 1 H2B family member k
NCBI Official Symbol	HIST1H2BK
NCBI Official Synonym Symbols	H2BK; H2B/S; H2BFT; H2BFAiii
NCBI Protein Information	histone H2B type 1-K
UniProt Protein Name	Histone H2B type 1-K
UniProt Gene Name	HIST1H2BK
UniProt Synonym Gene Names	H2BFT; HIRIP1; H2B K

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/monoclonal/histone-h2b-type-1-k-recombinant-antibody-immunohistochemistry-western-blot-elisa/235188>