

Rabbit HIST1H2BL Polyclonal Antibody | anti-HIST1H2BL antibody

HIST1H2BL Antibody (N-term)

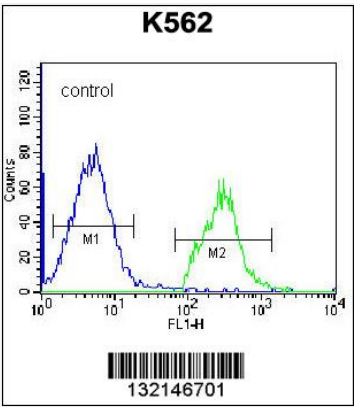
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285299	Rabbit	Human (Predicted Reactivity: Mouse)	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

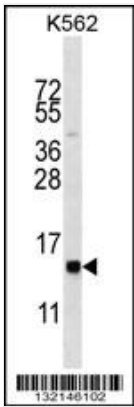
HIST1H2BL; Polyclonal Antibody; HIST1H2BL Antibody (N-term); Histone H2B type 1-L; Histone H2Bc; H2B/c; H2BFC; anti-HIST1H2BL antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HIST1H2BL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human HIST1H2BL.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	1-30
Sequence Length	126
Applicable Applications for anti-HIST1H2BL antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
HIST1H2BL Antibody (N-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
HIST1H2BL Antibody (N-term) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the HIST1H2BL antibody detected the HIST1H2BL protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-HIST1H2BL antibody	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 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 small histone gene cluster on chromosome 6p22-p21.3.
References	Kim, S.C., et al. Mol. Cell 23(4):607-618(2006) Beck, H.C., et al. Mol. Cell Proteomics 5(7):1314-1325(2006) Pavri, R., et al. Cell 125(4):703-717(2006) Bonenfant, D., et al. Mol. Cell Proteomics 5(3):541-552(2006) Zhu, B., et al. Mol. Cell 20(4):601-611(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504259
NCBI GeneID	8340
NCBI Accession #	NP_003510.1
NCBI GenBank Nucleotide #	NM_003519.3
UniProt Accession #	Q99880; Q52LW9; B2R5A3
Molecular Weight	13952
NCBI Official Full Name	histone H2B type 1-L
NCBI Official Synonym Full Names	histone cluster 1, H2bl
NCBI Official Symbol	HIST1H2BL
NCBI Official Synonym Symbols	H2B/c; H2BFC; dJ97D16.4
NCBI Protein Information	histone H2B type 1-L

UniProt Protein Name	Histone H2B type 1-L
UniProt Gene Name	HIST1H2BL
UniProt Synonym Gene Names	H2BFC; H2B/c
UniProt Entry Name	H2B1L_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://www.aaabiotech.com/polyclonal/hist1h2bl-antibody-flow-cytometry-western-blot-elisa/285299>