

Rabbit HIST1H2BB/HIST1H2BE Polyclonal Antibody | anti-HIST1H2BB antibody

HIST1H2BB/HIST1H2BE Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284252	Rabbit	Human (Predicted Reactivity: Mouse, Monkey, Bovine, Rat)	ELISA, Western Blot

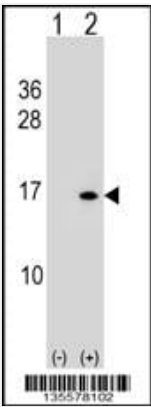
PRODUCT SYNONYMS

HIST1H2BB/HIST1H2BE; Polyclonal Antibody; HIST1H2BB/HIST1H2BE Antibody (N-term); Histone H2B type 1-B; Histone H2B1; Histone H2Bf; H2B/f; HIST1H2BB; H2BFF; anti-HIST1H2BB antibody

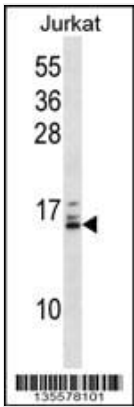
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Monkey, Bovine, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HIST1H2BB/HIST1H2BE antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human HIST1H2BB/HIST1H2BE.
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-HIST1H2BB antibody	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.

IMAGES



WB (Western Blot)
Western blot analysis of HIST1H2BB/HIST1H2BE (arrow) using rabbit polyclonal HIST1H2BB/HIST1H2BE Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the HIST1H2BB/HIST1H2BE gene.



WB (Western Blot)
HIST1H2BB/HIST1H2BE Antibody (N-term) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the HIST1H2BB/HIST1H2BE antibody detected the HIST1H2BB/HIST1H2BE protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-HIST1H2BB antibody	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a member of the histone H2B family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3.
References	Kim, S.C., et al. Mol. Cell 23(4):607-618(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) Golebiowski, F., et al. Mol. Cell. Biochem. 279 (1-2), 133-139 (2005) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	10800140
NCBI GeneID	3018
NCBI Accession #	NP_066406.1
NCBI GenBank Nucleotide #	NM_021062.2
UniProt Accession #	P33778; Q4KN36
Molecular Weight	13950
NCBI Official Full Name	histone H2B type 1-B
NCBI Official Synonym Full Names	histone cluster 1, H2bb
NCBI Official Symbol	HIST1H2BB
NCBI Official Synonym Symbols	H2B.1; H2B/f; H2BFF

NCBI Protein Information	histone H2B type 1-B
UniProt Protein Name	Histone H2B type 1-B
UniProt Gene Name	HIST1H2BB
UniProt Synonym Gene Names	H2BFF; H2B/f
UniProt Entry Name	H2B1B_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/hist1h2bb-hist1h2be-antibody-western-blot-elisa/284252>