

Rabbit HIST1H2AB Polyclonal Antibody | anti-HIST1H2AB antibody

HIST1H2AB Antibody (N-term)

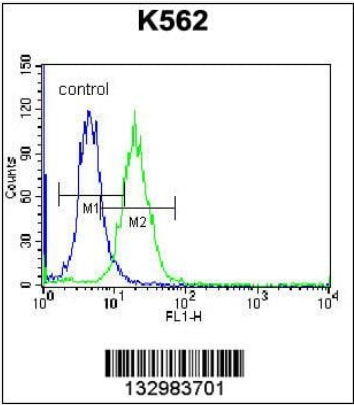
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287099	Rabbit	Human (Predicted Reactivity: Rat, Mouse, Bovine, Xenopus, Chicken, Monkey, Zebrafish)	Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

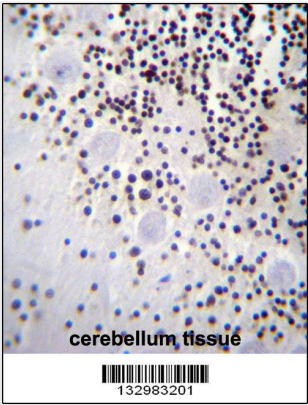
HIST1H2AB; Polyclonal Antibody; HIST1H2AB Antibody (N-term); Histone H2A type 1-B/E; Histone H2A2; Histone H2A/a; Histone H2A/m; H2AFM; anti-HIST1H2AB antibody

PRODUCT SPECIFICATIONS

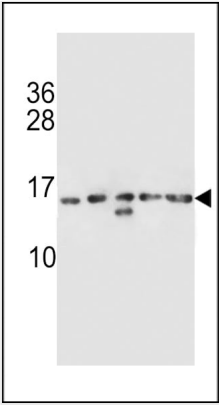
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Rat, Mouse, Bovine, Xenopus, Chicken, Monkey, Zebrafish)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HIST1H2AB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 12-40 amino acids from the N-terminal region of human HIST1H2AB.
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	12-40
Sequence Length	130
Applicable Applications for anti-HIST1H2AB antibody	WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA
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)
HIST1H2AB Antibody (N-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
HIST1H2AB Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human cerebellum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of HIST1H2AB Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
HIST1H2AB Antibody (N-term) western blot analysis in K562,CEM,MDA-MB453,NCI-H460,MDA-MB231 cell line lysates (35ug/lane).This demonstrates the HIST1H2AB antibody detected the HIST1H2AB protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-HIST1H2AB antibody	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an 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 H2A 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	Rose, J. Phd, et al. Mol. Med. (2010) In press : Bergink, S., et al. Genes Dev. 20(10):1343-1352(2006) Cao, R., et al. Mol. Cell 20(6):845-854(2005) Hagiwara, T., et al. Biochemistry 44(15):5827-5834(2005) Andersen, J.S., et al. Nature 433(7021):77-83(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	19557656
NCBI GeneID	8335
NCBI Accession #	NP_003504.2; NP_066390.1
NCBI GenBank Nucleotide #	NM_003513.2
UniProt Accession #	P04908; P28001; Q76P63
Molecular Weight	14135
NCBI Official Full Name	histone H2A type 1-B/E
NCBI Official Synonym Full Names	histone cluster 1, H2ab
NCBI Official Symbol	HIST1H2AB
NCBI Official Synonym Symbols	H2A/m; H2AFM
NCBI Protein Information	histone H2A type 1-B/E
UniProt Protein Name	Histone H2A type 1-B/E
UniProt Gene Name	HIST1H2AB
UniProt Synonym Gene Names	H2AFM
UniProt Entry Name	H2A1B_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/hist1h2ab-antibody-western-blot-flow-cytometry-immunohistochemistry-elisa/287099>