Rabbit Histone H2B Polyclonal Antibody | anti-H2B antibody

Anti-Histone H2B (Acetyl-K120) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265110	**Rabbit**	**Human, Zebrafish**	**Western Blot**

PRODUCT SYNONYMS

Histone H2B; Polyclonal Antibody; Anti-Histone H2B (Acetyl-K120) Antibody; anti-H2B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Zebrafish
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Histone H2B protein only when acetylated at K120.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-H2B antibody	WB (Western Blot)
Immunogen	KLH-conjugated synthetic acetylated peptide corresponding to residues surrounding K120 of human Histone H2B protein. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES

ELISA
Direct ELISA antibody dose-response curve using Anti-Histone H2B (Acetyl-K120) Antibody. Antigen (Acetyl-peptide and non-acetyl-peptide) concentration is 5 ug/ml. Goat Anti-Rabbit IgG (H&L) - HRP was used as the secondary antibody, and signal was developed by TMB substrate.

WB (Western Blot)
Western blot analysis of Histone H2B (Acetyl-K120) expression in zebrafish (A) whole cell lysates. (Predicted band size: 14; 13 kD; Observed band size: 14 kD

ADDITIONAL INFORMATION

Related Product Information for anti-H2B antibody	Rabbit polyclonal antibody to Histone H2B (Acetyl-K120)
Product Categories/Family for anti-H2B antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	24586679
NCBI GeneID	255626

NCBI Accession #	NP_733759.1
NCBI GenBank Nucleotide #	NM_170610.2
UniProt Accession #	Q96A08; P33778; P62807
Molecular Weight	127
NCBI Official Full Name	histone H2B type 1-A
NCBI Official Synonym Full Names	histone cluster 1, H2ba
NCBI Official Symbol	HIST1H2BA
NCBI Official Synonym Symbols	STBP; H2BFU; TSH2B; bA317E16.3
NCBI Protein Information	histone H2B type 1-A; histone 1, H2ba; histone H2B, testis; testis-specific histone H2B; H2B histone family, member U, (testis-specific)
UniProt Protein Name	Histone H2B type 1-A
UniProt Gene Name	**HIST1H2BA**
UniProt Synonym Gene Names	TSH2B
UniProt Entry Name	H2B1A_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-western-blot-elisa/265110