

Rabbit HIST1H2BA Polyclonal Antibody | anti-HIST1H2BA antibody

HIST1H2BA Polyclonal Antibody

CATALOG # AAA175952	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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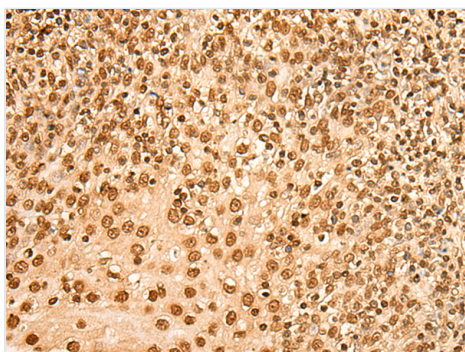
PRODUCT SYNONYMS

HIST1H2BA; Polyclonal Antibody; HIST1H2BA Polyclonal Antibody; Testis; BA317E16.3; H2B; H2B histone family member U; H2B histone family member U testis specific; H2B histone family; Member U; (testis specific); H2B testis; H2B1A; H2BFU; H2BT; Histone 1; H2ba; Histone cluster 1 H2ba; Histone H2B; Histone H2B testis; Histone H2B type 1 A; Histone H2B type 1-A; Histone H2B type 1A; STBP; Testis specific histone H2B; Testis-specific histone H2B; TSH 2B; TSH2B; TSH2B.1; anti-HIST1H2BA antibody

PRODUCT SPECIFICATIONS

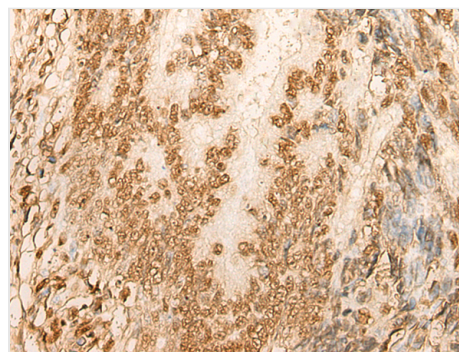
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	1.98mg/mL (varies by lot)
Sequence Length	127
Applicable Applications for anti-HIST1H2BA antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide of human HIST1H2BA
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



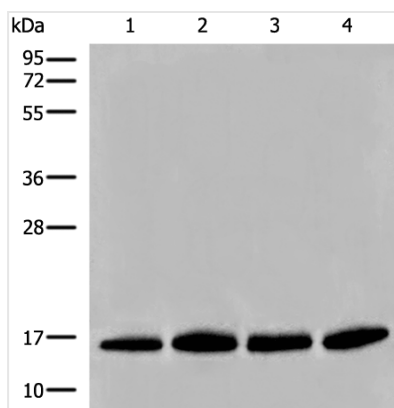
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human tonsil tissue using HIST1H2BA Polyclonal Antibody at dilution of 1:45(×200



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using HIST1H2BA Polyclonal Antibody at dilution of 1:45(×200



WB (Western Blot)
 Western blot analysis of Human prostate tissue PC-3 A549 and TM4 cell lysates using HIST1H2BA Polyclonal Antibody at dilution of 1:500

ADDITIONAL INFORMATION

Related Product Information for anti-HIST1H2BA antibody	The nucleosome, made up of four core histone proteins (H2A, H2B, H3, and H4), is the primary building block of chromatin. Originally thought to function as a static scaffold for DNA packaging, histones have now been shown to be dynamic proteins, undergoing multiple types of post-translational modifications, including acetylation, phosphorylation, methylation, and ubiquitination, acetylation of specific lysine residues creates docking sites that facilitate recruitment of many transcription and chromatin regulatory proteins that contain a bromodomain, which binds to acetylated lysine residues. Histone H2B is rapidly phosphorylated at irradiation-induced DNA damage foci in mouse embryonic fibroblasts.
Product Categories/Family for anti-HIST1H2BA antibody	Cancer; Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	24586679
NCBI GeneID	255626
NCBI Accession #	NP_733759.1
NCBI GenBank Nucleotide #	NP_733759.1
UniProt Accession #	Q96A08
Molecular Weight	14 kDa
NCBI Official Full Name	histone H2B type 1-A
NCBI Official Synonym Full Names	H2B clustered histone 1
NCBI Official Symbol	H2BC1
NCBI Official Synonym Symbols	STBP; TH2B; H2BFU; TSH2B; hTSH2B; TSH2B.1; HIST1H2BA; bA317E16.3
NCBI Protein Information	histone H2B type 1-A
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.

