

Rabbit anti-Mouse, Rat Histone H2B Polyclonal Antibody | anti-H2B antibody

Histone H2B (testis specific) Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282417	Rabbit	Mouse, Rat	Western Blot

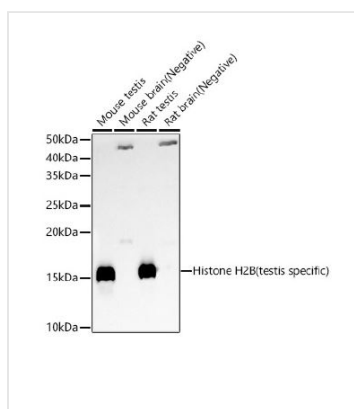
PRODUCT SYNONYMS

Histone H2B; Polyclonal Antibody; Histone H2B (testis specific) Rabbit pAb; STBP; TH2B; H2BFU; TSH2B; hTSH2B; TSH2B.1; HIST1H2BA; bA317E16.3; anti-H2B antibody

PRODUCT SPECIFICATIONS

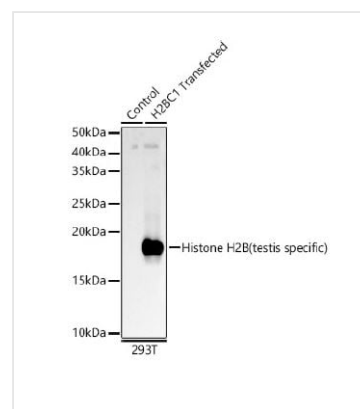
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Liquid PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Applicable Applications for anti-H2B antibody	WB (Western Blot)
Positive Samples	293F, Mouse testis, Mouse brain (Negative), Rat testis, Rat brain (Negative)
Research Area	Epigenetics Nuclear Signaling
Immunogen	Recombinant protein of human Histone H2B (testis specific).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles. Ship: Ice Pack

IMAGES



WB (Western Blot)

Western blot analysis of various lysates, using Histone H2B (testis specific) antibody (AAA282417) at 1:400 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.



WB (Western Blot)

Western blot analysis of 293F-H2BC1, using Histone H2B (testis specific) antibody (AAA282417) at 1:400 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-H2B 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 replication-dependent histone that is a testis/sperm-specific member of the histone H2B family. Transcripts from this gene contain a palindromic termination element.
Product Categories/Family for anti-H2B antibody	Polyclonal 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 ; Q6NZ98 ; Q6NZA0 ; Q6NZA1 ; B2R544
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://www.aaabiotech.com/polyclonal/histone-h2b-antibody-western-blot-elisa/282417>