

Rabbit Histone H2BK15ac Polyclonal Antibody | anti-H2BK15ac antibody

Histone H2BK15ac antibody (pAb)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA60009	Rabbit	Human, Wide Range Predicted	Western Blot

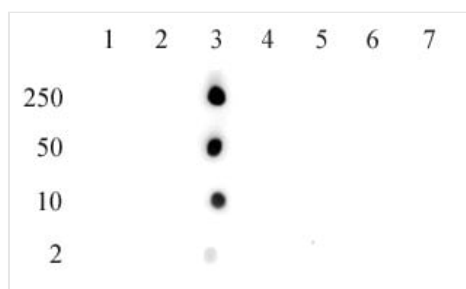
PRODUCT SYNONYMS

Histone H2BK15ac; Polyclonal Antibody; Histone H2BK15ac antibody (pAb); anti-H2BK15ac antibody

PRODUCT SPECIFICATIONS

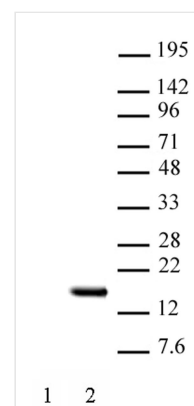
Host	Rabbit
Reactivity	Human, Wide Range Predicted
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Purified IgG in PBS with 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-H2BK15ac antibody	WB (Western Blot)
Conjugation	Acetylated
Immunogen	This antibody was raised against a peptide including acetyl-lysine 15 of human histone H2B.
Abs Residue	Lys
Preparation and Storage	Some products may be shipped at room temperature. This will not affect their stability or performance. Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20 degree C for up to 2 years. Keep all reagents on ice when not in storage.1ug/ul

IMAGES



DB (Dot Blot)

Histone H2B acetyl Lys15 pAb tested by dot blot analysis. Specificity Data: Dot blot analysis was used to confirm the specificity of Histone H2B acetyl Lys15 pAb for acetyl-Lys 15 of histone H2B. Decreasing amounts of modified and unmodified peptides were spotted onto PVDF and probed with the antibody at a dilution of 1:750. Lane 1: Peptide acetylated at lysine 5 of H2B. Lane 2: Peptide acetylated at lysine 12 of H2B. Lane 3: Peptide acetylated at lysine 15 of H2B. Lane 4: Unmodified lysine 15 peptide. Lane 5: Peptide acetylated at lysine 16 of H2B. Lane 6: Peptide acetylated at lysine 46 of H2B. Lane 7: Peptide acetylated at lysine 120 of H2B.



WB (Western Blot)

Histone H2B acetyl Lys15 pAb tested by Western blot. Nuclear extract of HeLa cells (20 ug per lane) was probed with Histone H2B acetyl Lys15 polyclonal antibody (1:500 dilution). Lane 1: Untreated cells. Lane 2: Cells treated with sodium butyrate.

ADDITIONAL INFORMATION

Related Product Information for anti-H2BK15ac antibody	Short Description: Our Histone H2BK15ac antibody (pAb) was raised in a Rabbit host. It has been validated for use in Western blot; it has been shown to react with Human samples, but it is predicted that it will react with a wide range of sample types. Background: Histone H2B is one of the core components of the nucleosome. The nucleosome is the smallest subunit of chromatin and consists of 147 base pairs of DNA wrapped around an octamer of core histone proteins (two each of Histone H2A, Histone H2B, Histone H3 and Histone H4). Histone H1 is a linker histone, present at the interface between the nucleosome core and DNA entry/exit points; it is responsible for establishing higher-order chromatin structure. Chromatin is subject to a variety of chemical modifications, including post-translational modifications of the histone proteins and the methylation of cytosine residues in the DNA. Reported histone modifications include acetylation, methylation, phosphorylation, ubiquitylation, glycosylation, ADP-ribosylation, carbonylation and SUMOylation; they play a major role in regulating gene expression. Acetylation of Lys15 is a histone onco-modification candidate as it has been found to be a property of non-dying cells.
Product Categories/Family for anti-H2BK15ac antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

Molecular Weight	15kDa
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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-h2bk15ac-antibody-western-blot-elisa/60009>