

Rabbit Acetyl-Histone H3-K36 Polyclonal Antibody | anti-H3-K36 antibody

Acetyl-Histone H3-K36 Rabbit pAb

CATALOG # AAA282178	HOST Rabbit	REACTIVITY Human, Mouse, Rat, Other (Wide Range)	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

Acetyl-Histone H3-K36; Polyclonal Antibody; Acetyl-Histone H3-K36 Rabbit pAb; H3/A; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3FA; H3C10; H3C11; H3C12; HIST1H3A; anti-H3-K36 antibody

PRODUCT SPECIFICATIONS

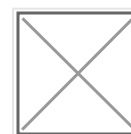
Host	Rabbit
Reactivity	Human, Mouse, Rat, Other (Wide Range)
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Liquid. PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Applicable Applications for anti-H3-K36 antibody	WB (Western Blot)
Immunogen	A synthetic acetylated peptide around K36 of human Histone H3.
Positive Samples	HeLa, NIH/3T3, C6
Research Area	Protein phosphorylation Signal Transduction MAPK-Erk Signaling Pathway Signal Transduction MAPK-P38 Signaling Pathway Immunology & Inflammation NF-kB Signaling Pathway
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using Acetyl-Histone H3-K36 antibody (AAA282178) at 1:1000 dilution. HeLa cells and NIH/3T3 cells were treated by TSA (1 uM) at 37 degree C for 18 hours. 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: 30s.



WB (Western Blot)

Western blot analysis of extracts of C6 cells, using Acetyl-Histone H3-K36 antibody (AAA282178) at 1:1000 dilution. C6 cells were treated by TSA (1 uM) at 37 degree C for 18 hours. 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 Enhanced Kit (RM00021). Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-H3-K36 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 replication-dependent histone that is a member of the histone H4 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in a histone cluster on chromosome 1. This gene is one of four histone genes in the cluster that are duplicated; this record represents the centromeric copy.
Product Categories/Family for anti-H3-K36 antibody	Catalog Antibodies ; Acetylated Antibodies ; Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504281
NCBI GeneID	8350
NCBI Accession #	NP_003520.1
NCBI GenBank Nucleotide #	NM_003529.2
UniProt Accession #	P68431; P02295; P02296; P16106; Q6ISV8; Q6NWP8; Q6NWP9; Q6NXU4; Q71DJ3; Q93081; A0PJT7; A5PLR1
Molecular Weight	15,404 Da
NCBI Official Full Name	histone H3.1
NCBI Official Synonym Full Names	histone cluster 1, H3a
NCBI Official Symbol	HIST1H3A
NCBI Official Synonym Symbols	H3/A; H3FA
NCBI Protein Information	histone H3.1; histone H3/a; histone 1, H3a; H3 histone family, member A
UniProt Protein Name	Histone H3.1
UniProt Gene Name	HIST1H3A
UniProt Synonym Gene Names	H3FA
UniProt Entry Name	H31_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/acetyl-histone-h3-k36-antibody-western-blot-elisa/282178>