

Rabbit citrulline-Histone H3-R2/R8/R17 Polyclonal Antibody | anti-H3-R2/R8/R17 antibody

citrulline-Histone H3-R2/R8/R17 Rabbit pAb

CATALOG # AAA282170	HOST Rabbit	APPLICATIONS Dot Blot, ELISA, Western Blot
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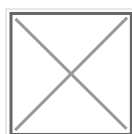
PRODUCT SYNONYMS

citrulline-Histone H3-R2/R8/R17; Polyclonal Antibody; citrulline-Histone H3-R2/R8/R17 Rabbit pAb; H3/A; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3FA; H3C10; H3C11; H3C12; HIST1H3A; anti-H3-R2/R8/R17 antibody

PRODUCT SPECIFICATIONS

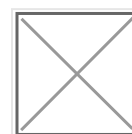
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Liquid. PBS with 0.05% proclin300, 50% glycerol, pH 7.3
Applicable Applications for anti-H3-R2/R8/R17 antibody	DB (Dot Blot), ELISA, WB (Western Blot)
Immunogen	A synthetic citrullinated peptide around R2 & R8 & R17 of human Histone H3 (NP_003520.1).
Cross-Reactivity	Human, Mouse, Rat, Other (Wide Range Predicted)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



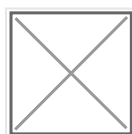
DB (Dot Blot)

Dot-blot analysis of all sorts of peptides using citrulline-Histone H3-R2/R8/R17 Rabbit pAb antibody (AAA282170) at 1:680 dilution.



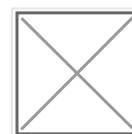
WB (Western Blot)

Western blot analysis of various lysates, using citrulline-Histone H3-R2/R8/R17 Rabbit pAb at 1:900 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using citrulline-Histone H3-R2/R8/R17 antibody (AAA282170) at dilution of 1:100. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using citrulline-Histone H3-R2/R8/R17 Rabbit pAb (AAA282170) at 1:500 dilution. THP-1 cells were treated by LPS (1 ug/ml) at 37 degree C for 8 hours. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA. Detection: ECL Enhanced Kit. Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-H3-R2/R8/R17 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 H3 family. Transcripts from this gene lack polyA tails; instead, they contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6p22-p21.3.
Product Categories/Family for anti-H3-R2/R8/R17 antibody	Catalog Antibodies ; Other Modified 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	Observed MW: 17kDa Calculated MW: 15kDa
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/citrulline-histone-h3-r2-r8-r17-antibody-dot-blot-western-blot-elisa/282170>