

Rabbit Histone H3R8me1 Polyclonal Antibody | anti-H3R8me1 antibody

Histone H3R8me1 antibody (pAb)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA59913	Rabbit	Human, Wide Range Predicted	Western Blot, Dot Blot

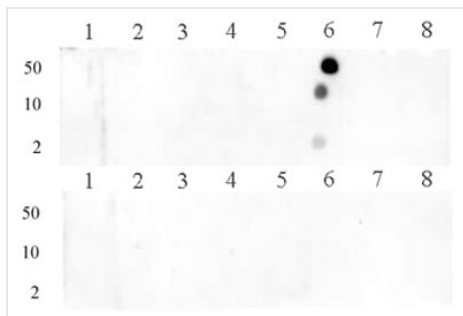
PRODUCT SYNONYMS

Histone H3R8me1; Polyclonal Antibody; Histone H3R8me1 antibody (pAb); anti-H3R8me1 antibody

PRODUCT SPECIFICATIONS

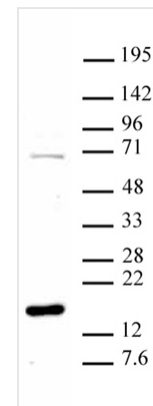
Host	Rabbit
Reactivity	Human, Wide Range Predicted
Clonality	Polyclonal
Form/Format	Rabbit serum containing 30% glycerol and 0.035% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-H3R8me1 antibody	WB (Western Blot), DB (Dot Blot)
Conjugation	Methylated
Immunogen	This Histone H3 monomethyl Arg8 antibody was raised against a peptide containing monomethyl-Arg8 of human histone H3.
Abs Residue	Arg
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 H3 monomethyl Arg8 pAb tested by dot blot analysis. Dot blot analysis was used to confirm the specificity of Histone H3 monomethyl Arg8 pAb for monomethyl-arginine 8 of histone H3. Peptides corresponding to the immunogen and related peptides were spotted onto PVDF and probed with Histone H3 monomethyl Arg8 pAb at 1:1,000. The amount of peptide (picomoles) spotted is indicated next to each row. Top Panel: Lane 1: unmodified Arg2 peptide. Lane 2: monomethyl-Arg2 H3 peptide. Lane 3: dimethyl-Arg2 H3 (symmetric) peptide. Lane 4: dimethyl-Arg2 H3 (asymmetric) peptide. Lane 5: unmodified Arg8 peptide. Lane 6: monomethyl-Arg8 H3 peptide. Lane 7: dimethyl-Arg8 H3 (symmetric) peptide. Lane 8: dimethyl-Arg8 H3 (asymmetric) peptide. Bottom Panel: Lane 1: unmodified Arg17 H3 peptide. Lane 2: monomethyl-Arg17 peptide. Lane 3: dimethyl-Arg17 H3 (symmetric) peptide. Lane 4: dimethyl-Arg17 H3 (asymmetric) peptide. Lane 5: unmodified Arg26 peptide. Lane 6: monomethyl-Arg26 H3 peptide. Lane 7: dimethyl-Arg26 H3 (symmetric) peptide. Lane 8: dimethyl-Arg26 H3 (asymmetric) peptide.



WB (Western Blot)

Histone H3 monomethyl Arg8 pAb tested by Western blot. HeLa cell nuclear extract (20 ug) probed with Histone H3 monomethyl Arg8 pAb (1:500 dilution).

ADDITIONAL INFORMATION

Related Product Information for anti-H3R8me1 antibody	Short Description: Our Histone H3R8me1 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Dot blot and 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 H3 is one of the core components of the nucleosome, the basic building block of chromatin. Histones are 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; these modifications play a major role in regulating gene expression. The methylation of histones can occur on two different residues: arginine or lysine. Histone H3 Arg8, methylated by PRMT enzymes, is involved in nuclear-receptor-mediated transcriptional activation.
Product Categories/Family for anti-H3R8me1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

Molecular Weight	17kDa
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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-h3r8me1-antibody-western-blot-dot-blot-elisa/59913>