

Rabbit H4-R3 Antibody | anti-H4R3me2a antibody

Asymmetric DiMethyl-Histone H4-R3

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA280118	Rabbit	Human, Mouse, Rat, Other (Wide Range)	Immunofluorescence, Immunohistochemistry, Western Blot

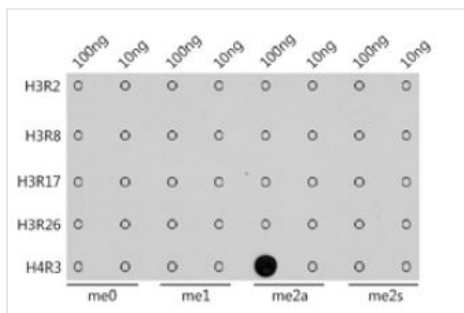
PRODUCT SYNONYMS

H4-R3; Asymmetric DiMethyl-Histone H4-R3; FO108; H4; H4/n; H4F2; H4FN; HIST2H4; Histone H4; HIST1H4A; HIST2H4A; anti-H4R3me2a antibody

PRODUCT SPECIFICATIONS

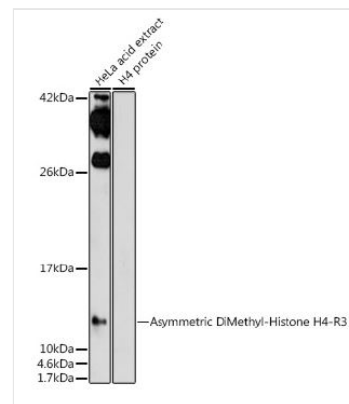
Host	Rabbit
Reactivity	Human, Mouse, Rat, Other (Wide Range)
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Applicable Applications for anti-H4R3me2a antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Route	Synthetic Peptide
Immunogen	A synthetic peptide of human HIST2H4A
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



DB (Dot Blot)

Dot-blot analysis of all sorts of methylation peptides using Asymmetric DiMethyl-Histone H4-R3 antibody (AAA280118) at 1:1000 dilution.



WB (Western Blot)

Western blot analysis of extracts of HeLa cells, using Asymmetric DiMethyl-Histone H4-R3 antibody (AAA280118) at 1:1000 dilution. Secondary antibody: HRP 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 Enhanced Kit. Exposure time: 300s.

ADDITIONAL INFORMATION

Related Product Information for anti-H4R3me2a antibody	Background: 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 replicationdependent 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-H4R3me2a antibody	Methylation

NCBI AND UNIPROT INFORMATION

NCBI GeneID	8370
UniProt Accession #	P62805
Molecular Weight	Observed MW: 14kDa; Calculated MW: 11kDa

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/rabbit-h4r3me2a-human-mouse-rat-antibody/h4-r3/280118>