

Rabbit anti-Human HIST1H2AG Polyclonal Antibody | anti-HIST1H2AG antibody

HIST1H2AG Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119889	Rabbit	Human	Chromatin Immunoprecipitation, Immunoprecipitation, Immunohistochemistry, Western Blot, ELISA

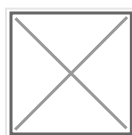
PRODUCT SYNONYMS

HIST1H2AG; Polyclonal Antibody; HIST1H2AG Antibody; Histone H2A type 1; H2A.1; H2AFP; HIST1H2AI; H2AFC; HIST1H2AK; H2AFD; HIST1H2AL; H2AFI; HIST1H2AM; H2AFN; anti-HIST1H2AG antibody

PRODUCT SPECIFICATIONS

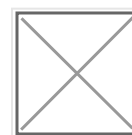
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Sequence Length	130
Applicable Applications for anti-HIST1H2AG antibody	ChIP (Chromatin immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant human Histone H2A type 1 protrin (2-130aa)
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



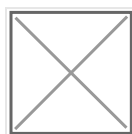
IF (Immunofluorescence)

Immunofluorescent analysis of HeLa cells using AAA119889 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



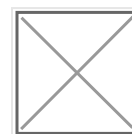
ChIP (Chromatin Immunoprecipitation)

Chromatin Immunoprecipitation HeLa(1.2*10⁶) were cross-linked with formaldehyde, sonicated, and immunoprecipitated with 4ug anti-HIST1H2AG or a control normal rabbit IgG . The resulting ChIP DNA was quantified using real-time PCR with primers against the PGK1 promoter.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis using AAA119889 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using AAA119889 at dilution 1:100



WB (Western Blot)

All lanes: HIST1H2AG Antibody at 4ug/ml+HL-60 whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 14kDaObserved band size: 14kDa

ADDITIONAL INFORMATION

Related Product Information for anti-HIST1H2AG antibody	Core component of nucleosome. Nucleosomes wrap and compact DNA into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability. DNA accessibility is regulated via a complex set of post-translational modifications of histones, also called histone code, and nucleosome remodeling.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504239
NCBI GeneID	8329
NCBI Accession #	NP_003500.1
NCBI GenBank Nucleotide #	NM_003509.2
UniProt Accession #	P0C0S8; P02261; Q2M1R2; Q76PA6
Molecular Weight	14,091 Da
NCBI Official Full Name	histone H2A type 1
NCBI Official Synonym Full Names	histone cluster 1, H2ai
NCBI Official Symbol	HIST1H2AI
NCBI Official Synonym Symbols	H2A/c; H2AFC
NCBI Protein Information	histone H2A type 1
UniProt Protein Name	Histone H2A type 1
UniProt Gene Name	HIST1H2AG
UniProt Synonym Gene Names	H2AFP; H2A.1
UniProt Entry Name	H2A1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/hist1h2ag-antibody-chromatin-immunoprecipitation-immunohistochemistry-western-blot-elisa/119889>