

Rabbit anti-Human HIST1H1A Polyclonal Antibody | anti-HIST1H1A antibody

HIST1H1A (Ab-21) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234316	Rabbit	Human	Chromatin Immunoprecipitation, Immunoprecipitation, Immunofluorescence, ELISA

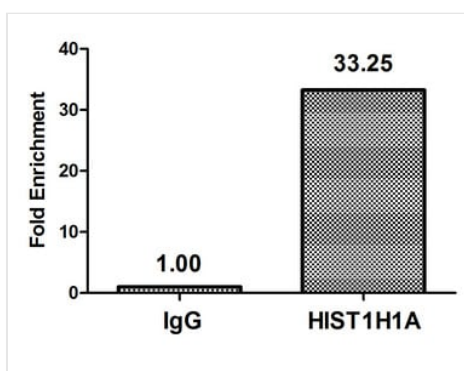
PRODUCT SYNONYMS

HIST1H1A; Polyclonal Antibody; HIST1H1A (Ab-21) Antibody; Histone H1.1; Histone H1a; H1F1; anti-HIST1H1A antibody

PRODUCT SPECIFICATIONS

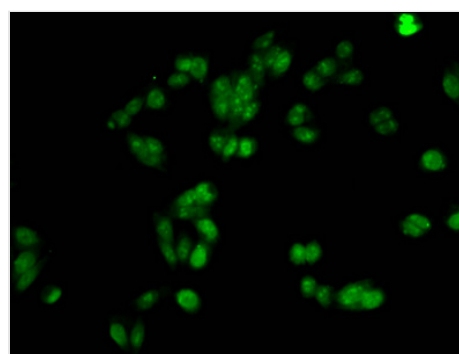
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	215
Applicable Applications for anti-HIST1H1A antibody	ChIP (Chromatin immunoprecipitation), IF (Immunofluorescence), ELISA
Immunogen	Peptide sequence around site of Lys (21) derived from human Histone H1.1.
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



ChIP (Chromatin Immunoprecipitation)

Chromatin Immunoprecipitation HeLa(4*10⁶) were treated with Micrococcal Nuclease, sonicated, and immunoprecipitated with 8ug anti-HIST1H3A (AAA234316) or a control normal rabbit IgG. The resulting ChIP DNA was quantified using real-time PCR with primers against the beta-Globin promoter.



IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA234316 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

ADDITIONAL INFORMATION

Related Product Information for anti-HIST1H1A antibody	Histone H1 protein binds to linker DNA between nucleosomes forming the macromolecular structure known as the chromatin fiber. Histones H1 are necessary for the condensation of nucleosome chains into higher-order structured fibers. Acts also as a regulator of individual gene transcription through chromatin remodeling, nucleosome spacing and DNA methylation (By similarity).
Product Categories/Family for anti-HIST1H1A antibody	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885373
NCBI GeneID	3024
NCBI Accession #	NP_005316.1
NCBI GenBank Nucleotide #	NM_005325.3
UniProt Accession #	Q02539; Q3MJ34
Molecular Weight	21,842 Da
NCBI Official Full Name	histone H1.1
NCBI Official Synonym Full Names	histone cluster 1 H1 family member a
NCBI Official Symbol	HIST1H1A
NCBI Official Synonym Symbols	H1A; H1.1; H1F1; HIST1
NCBI Protein Information	histone H1.1
UniProt Protein Name	Histone H1.1
UniProt Gene Name	HIST1H1A
UniProt Synonym Gene Names	H1F1

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/hist1h1a-antibody-chromatin-immunoprecipitation-immunofluorescence-elisa/234316>