

Rabbit anti-Human, Rat H1F0 Polyclonal Antibody | anti-H1F0 antibody

H1F0 (Ab-101) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234385	Rabbit	Human, Rat	Chromatin Immunoprecipitation, Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

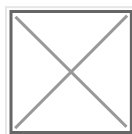
PRODUCT SYNONYMS

H1F0; Polyclonal Antibody; H1F0 (Ab-101) Antibody; Histone H1.0; Histone H1⁺; Histone H1(0); N-terminally processed; H1FV; anti-H1F0 antibody

PRODUCT SPECIFICATIONS

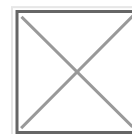
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	194
Applicable Applications for anti-H1F0 antibody	ChIP (Chromatin immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Peptide sequence around site of Lys (101) derived from human Histone H1.0.
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



IHC (Immunohistochemistry)

Immunofluorescence staining of hepg2 with AAA234385, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234385 diluted at 1:50 and staining in paraffin-embedded human melanoma cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: Rat spleen tissueAll lanes: H1F0 antibody at 0.85ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 21, 20 KDaObserved band size: 21 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-H1F0 antibody	Histones H1 are necessary for the condensation of nucleosome chains into higher-order structures. The H1F0 histones are found in cells that are in terminal stages of differentiation or that have low rates of cell division.
Product Categories/Family for anti-H1F0 antibody	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885371
NCBI GeneID	3005
NCBI Accession #	NP_005309.1
NCBI GenBank Nucleotide #	NM_005318.3
UniProt Accession #	P07305 ; Q6FG88 ; Q8N6R3 ; B2R6I0 ; B4DRD6
Molecular Weight	19,167 Da
NCBI Official Full Name	histone H1.0
NCBI Official Synonym Full Names	H1 histone family member 0
NCBI Official Symbol	H1F0
NCBI Official Synonym Symbols	H10; H1FV
NCBI Protein Information	histone H1.0
UniProt Protein Name	Histone H1.0
UniProt Gene Name	H1F0
UniProt Synonym Gene Names	H1FV

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.