Rabbit anti-Human, Mouse ASF1A Polyclonal Antibody | anti-ASF1A antibody

ASF1A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA321201	**Rabbit**	**Human, Mouse**	**ELISA, Immunocytochemistry, Immunofluorescence, Western Blot**

PRODUCT SYNONYMS

ASF1A; Polyclonal Antibody; ASF1A Antibody; Anti silencing function 1A; Anti-silencing function protein 1 homolog A; ASF1 anti silencing function 1 homolog A (S. cerevisiae); ASF1 anti silencing function 1 homolog A; asf1a; ASF1A_HUMAN; CCG1 interacting factor A; CCG1-interacting factor A; CGI 98; CIA; hAsf1; hAsf1a; hCIA; Histone chaperone ASF1A; HSPC146; anti-ASF1A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	ASF1A antibody detects endogenous levels of ASF1A
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	204
Applicable Applications for anti-ASF1A antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ASF1A
Subcellular Location	Nucleus.
Tissue Specificity	Ubiquitously expressed.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES

IF (Immunofluorescence)
AAA321201 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

WB (Western Blot)
Western blot analysis on Jurkat cell lysate using ASF1A Antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ASF1A antibody	Description: ASF1A Histone chaperone that facilitates histone deposition and histone exchange and removal during nucleosome assembly and disassembly. Cooperates with chromatin assembly factor 1 (CAF-1) to promote replication-dependent chromatin assembly and with HIRA to promote replication-independent chromatin assembly. Required for the formation of senescence-associated heterochromatin foci (SAHF) and efficient senescence-associated cell cycle exit. Function: Histone chaperone that facilitates histone deposition and histone exchange and removal during nucleosome assembly and disassembly. Cooperates with chromatin assembly factor 1 (CAF-1) to promote replication-dependent chromatin assembly and with HIRA to promote replication-independent chromatin assembly. Required for the formation of senescence-associated heterochromatin foci (SAHF) and efficient senescence-associated cell cycle exit. Subunit Structure: Interacts with histone H3 (including both histone H3.1 and H3.3) and histone H4. Interacts with the CHAF1A, CHAF1B and RBBP4 subunits of the CAF-1 complex. Interacts with CABIN1, HAT1, HIRA, NASP, TAF1, TLK1, TLK2 and UBN1. Interacts with CDAN1. Found in a cytosolic complex with CDAN1, ASF1B, IPO4 and histones H3.1 and H4. Interacts with CREBBP. Post-translational Modifications: Phosphorylated by TLK1 and TLK2. Highly phosphorylated in S-phase and at lower levels in M-phase. TLK2-mediated phosphorylation at Ser-192 prevents proteasome-dependent degradation. Similarity: Belongs to the ASF1 family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7661592
NCBI GeneID	25842
NCBI Accession #	NP_054753.1
NCBI GenBank Nucleotide #	NM_014034.2
UniProt Accession #	Q9Y294; Q6IA08; Q9P014
Molecular Weight	Observed: 23 kDa Predicted: 23 kDa
NCBI Official Full Name	histone chaperone ASF1A
NCBI Official Synonym Full Names	anti-silencing function 1A histone chaperone
NCBI Official Symbol	ASF1A
NCBI Official Synonym Symbols	CIA; CGI-98; HSPC146
NCBI Protein Information	histone chaperone ASF1A
UniProt Protein Name	Histone chaperone ASF1A
UniProt Gene Name	**ASF1A**
UniProt Synonym Gene Names	hAsf1; hAsf1a; CIA; hCIA

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/asf1a-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/321201