

Rabbit ASF1A Polyclonal Antibody | anti-ASF1A antibody

Anti-ASF1A Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254365	Rabbit	HumanPredicted to React with: Mouse (Species predicted to react based on 100% sequence homology)	Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

ASF1A; Polyclonal Antibody; Anti-ASF1A Antibody; Rabbit Polyclonal; ASF1A Antibody; Rabbit PAb; Antigen Affinity Purified; anti-silencing function 1A histone chaperone; Anti-CGI-98 Antibody; Anti-CIA Antibody; Anti-HSPC146 Antibody; anti-ASF1A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted to React with: Mouse (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human ASF1A
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-ASF1A antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the C-terminus of the human ASF1A
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the human ASF1A, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



WB (Western Blot)

Anti-ASF1A rabbit polyclonal antibody at 1:500 dilutionLane A: Jurkat Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution.Developed using the Odyssey technique.Performed under reducing conditions.Predicted band size:23 kDaObserved band size:23 kDa(We are unsure as to the identity of these extra bands.



IP (Immunoprecipitation)

ASF1A was immunoprecipitated using:Lane A:0.5 mg HeLa Whole Cell Lysate2 uL anti-ASF1A rabbit polyclonal antibody and 15 ul of 50 % Protein G agarose.Primary antibody:Anti-ASF1A rabbit polyclonal antibody,at 1:100 dilutionSecondary antibody:Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilutionDeveloped using the odssey technique.Performed under reducing conditions.Predicted band size: 23 kDaObserved band size: 35 kDa



IF (Immunofluorescence)

Immunofluorescence staining of ASF1A in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human ASF1A polyclonal antibody (1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor594-conjugated Goat Anti-rabbit IgG secondary antibody (red). Positive staining was localized to nucleus.

ADDITIONAL INFORMATION

Related Product Information for anti-ASF1A antibody	ASF1A has been reported to be dysregulated in multiple tumors, USP52 is a bona fide ubiquitin-specific protease, and USP52 promotes ASF1A deubiquitination and stabilization. USP52-promoted ASF1A stabilization facilitates chromatin assembly and favors cell cycle progression. USP52-promoted ASF1A stabilization results in growth arrest of breast cancer cells and sensitizes these cells to DNA damage. Histone chaperone, anti-silencing function-1 A (ASF1A), is crucial for post-repair H3K56Ac restoration, which in turn, is needed for the dephosphorylation of gamma-H2AX and cellular recovery from checkpoint arrest.
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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	22,969 Da
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; hCIA; hAsf1; hAsf1a; CCG1-interacting factor A; ASF1 anti-silencing function 1 homolog A; anti-silencing function protein 1 homolog A
UniProt Protein Name	Histone chaperone ASF1A
UniProt Gene Name	ASF1A
UniProt Synonym Gene Names	hAsf1; hAsf1a; CIA; hCIA
UniProt Entry Name	ASF1A_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/asf1a-antibody-immunoprecipitation-immunofluorescence-immunocytochemistry-western-blot-elisa/254365>