

Rabbit anti-Human ASF1B Polyclonal Antibody | anti-ASF1B antibody

Anti-ASF1B Antibody Picoband

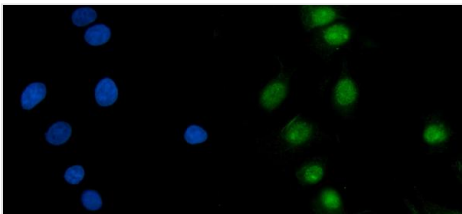
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126415	Rabbit	Human	ELISA, Immunofluorescence, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

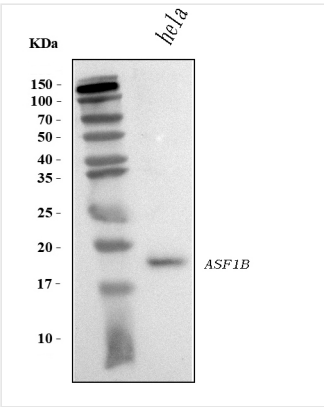
ASF1B; Polyclonal Antibody; Anti-ASF1B Antibody Picoband; anti-ASF1B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-ASF1B antibody	ELISA, IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human ASF1B recombinant protein (Position: M1-I202).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.



IF (Immunofluorescence)
Figure 2. IF analysis of ASF1B using anti-ASF1B antibody (AAA126415).ASF1B was detected in an immunocytochemical section of MCF-7 cells. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent (AR0022) for 15 mins. The cells were blocked with 10% goat serum. And then incubated with 5 ug/mL rabbit anti-ASF1B Antibody (AAA126415) overnight at 4 degree C. DyLight488 Conjugated Goat Anti-Rabbit IgG was used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37 degree C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.



WB (Western Blot)
Figure 1. Western blot analysis of ASF1B using anti-ASF1B antibody (AAA126415).Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.Lane 1: human HeLa whole cell lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-ASF1B antigen affinity purified polyclonal antibody (#AAA126415) at 0.5 ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for ASF1B at approximately 18 kDa. The expected band size for ASF1B is at 18 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-ASF1B antibody	Histone chaperone ASF1B is a protein that in humans is encoded by the ASF1B gene. This gene encodes a member of the H3/H4 family of histone chaperone proteins and is similar to the anti-silencing function-1 gene in yeast. The encoded protein is the substrate of the tousel-like kinase family of cell cycle-regulated kinases, and may play a key role in modulating the nucleosome structure of chromatin by ensuring a constant supply of histones at sites of nucleosome assembly.
Product Categories/Family for anti-ASF1B antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	8922549
NCBI GeneID	55723
NCBI Accession #	NP_060624.1
NCBI GenBank Nucleotide #	NM_018154.2
UniProt Accession #	Q9NVP2; Q53G51; Q9NVZ0
Molecular Weight	22,434 Da
NCBI Official Full Name	histone chaperone ASF1B
NCBI Official Synonym Full Names	anti-silencing function 1B histone chaperone
NCBI Official Symbol	ASF1B
NCBI Official Synonym Symbols	CIA-II
NCBI Protein Information	histone chaperone ASF1B; hAsf1; hAsf1b; hCIA-II; CCG1-interacting factor A-II; ASF1 anti-silencing function 1 homolog B; anti-silencing function protein 1 homolog B
UniProt Protein Name	Histone chaperone ASF1B

UniProt Gene Name	ASF1B
UniProt Synonym Gene Names	hAsf1; hAsf1b; CIA-II; hCIA-II
UniProt Entry Name	ASF1B_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/asf1b-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/126415>