



# Asf1a Polyclonal Antibody

<b>Catalog No</b>	BYab-01542
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB;IF;ELISA
<b>Gene Name</b>	ASF1A
<b>Protein Name</b>	Histone chaperone ASF1A
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human ASF1A. AA range:121-170
<b>Specificity</b>	Asf1a Polyclonal Antibody detects endogenous levels of Asf1a protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	ASF1A; CGI-98; HSPC146; Histone chaperone ASF1A; Anti-silencing function protein 1 homolog A; hAsf1; hAsf1a; CCG1-interacting factor A; CIA; hCIA
<b>Observed Band</b>	23kD
<b>Cell Pathway</b>	Nucleus .
<b>Tissue Specificity</b>	Ubiquitously expressed.
<b>Function</b>	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.,PTM:Phosphorylated by TLK1 and TLK2. Highly phosphorylated in S-phase and at lower levels in M-phase.,similarity:Belongs to the ASF1 family.,subunit:Interacts with histone H3 (including both histone H3.1 and H3.3) and histone H4. Interacts with the

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CHAF1A, CHAF1B and RBBP4 subunits of the CAF-1 complex. Interacts with CABIN1, HAT1, HIRA, NASP, TAF1, TLK1, TLK2 and UBN1.,tissue specificity:Ubiquitously expressed.,

**Background**

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 protein is a key component of a histone donor complex that functions in nucleosome assembly. It interacts with histones H3 and H4, and functions together with a chromatin assembly factor during DNA replication and repair. [provided by RefSeq, Jul 2008],

**matters needing attention**

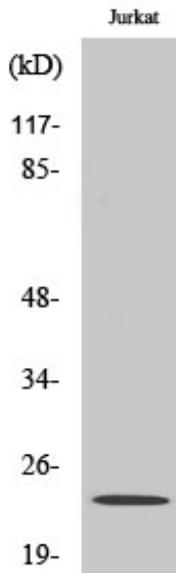
Avoid repeated freezing and thawing!

**Usage suggestions**

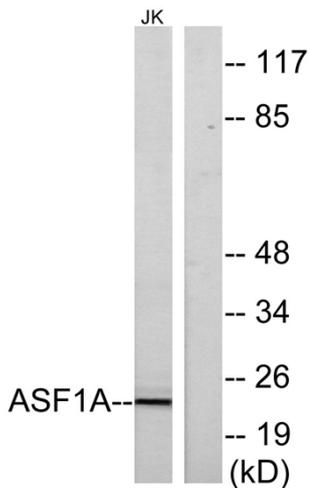
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



## Products Images



Western Blot analysis of various cells using Asf1a Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



Western blot analysis of lysates from Jurkat cells, using ASF1A Antibody. The lane on the right is blocked with the synthesized peptide.