

Anti-ASF1A Antibody

**Description**

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.

Model	STJ116719
Host	Rabbit
Reactivity	Human, Mouse
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 77-204 of human ASF1A (NP_054753.1).
Gene ID	25842
Gene Symbol	ASF1A
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Ubiquitously expressed
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Histone chaperone ASF1A Anti-silencing function protein 1 homolog A hAsf1 hAsf1a CCG1-interacting factor A CIA hCIA
Molecular Weight	22.969 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:20995OMIM:609189Reactome:R-HSA-2559584
Alternative Names	Histone chaperone ASF1A Anti-silencing function protein 1 homolog A hAsf1 hAsf1a CCG1-interacting factor A CIA hCIA
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,
Cellular Localization	Nucleus
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,

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