

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

ASF1B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322485	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

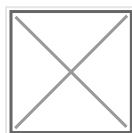
PRODUCT SYNONYMS

ASF1B; Polyclonal Antibody; ASF1B Antibody; Anti silencing function 1B; Anti silencing function 1B histone chaperone; Anti-silencing function protein 1 homolog B; ASF1 anti silencing function 1 homolog B (S. cerevisiae); ASF1 anti silencing function 1 homolog B; ASF1B_HUMAN; CCG1 interacting factor A II; CCG1-interacting factor A-II; CIA-II; hAsf1; hAsf1b; hCIA-II; Histone chaperone ASF1B; anti-ASF1B antibody

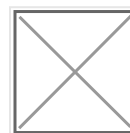
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	ASF1B antibody detects endogenous levels of total ASF1B
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	202
Applicable Applications for anti-ASF1B antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ASF1B
Subcellular Location	Nucleus.
Tissue Specificity	Highly expressed in testis and at lower levels in colon, small intestine and thymus.
Predicted Cross Reactivity	Bovine, Sheep, Rabbit, Xenopus
Similarity	Bovine (89%), Sheep (89%), Rabbit (89%), Xenopus (89%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES


WB (Western Blot)

Western blot analysis of ASF1B using K562 whole cell lysates


IHC (Immunohistochemistry)

AAA322485 at 1/100 staining Mouse colon tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-ASF1B antibody	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. Does not participate in replication-independent nucleosome deposition which is mediated by ASF1A and HIRA. Required for spermatogenesis. 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 HAT1, NASP, TAF1, TLK1 and TLK2. Interacts with CDAN1. Found in a cytosolic complex with CDAN1, ASF1A, IPO4 and histones H3.1 and H4. Interacts with CREBBP. Post-translational Modifications: Phosphorylated by TLK1 and TLK2. Similarity: Belongs to the ASF1 family.
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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	Observed: 26 kDa Predicted: 23 kDa
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
UniProt Protein Name	Histone chaperone ASF1B
UniProt Gene Name	ASF1B
UniProt Synonym Gene Names	hAsf1; hAsf1b; CIA-II; hCIA-II

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/asf1b-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/322485>