

Product Name: ASF1B Rabbit Polyclonal Antibody**Catalog #: APRab07213**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:10000
Molecular Weight	26kDa

Antigen Information

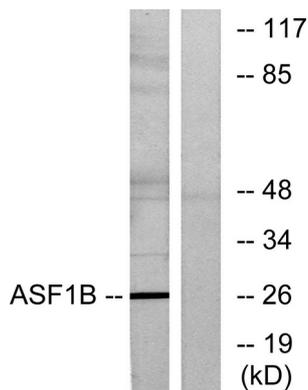
Gene Name	ASF1B
Alternative Names	ASF1B; Histone chaperone ASF1B; Anti-silencing function protein 1 homolog B; hAsf1; hAsf1b; CCG1-interacting factor A-II; CIA-II; hCIA-II
Gene ID	55723.0
SwissProt ID	Q9NVP2
Immunogen	The antiserum was produced against synthesized peptide derived from human ASF1B. AA range:101-150

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 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. [provided by RefSeq, Jul 2008],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.,PTM:Phosphorylated by TLK1 and TLK2.,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 CHAF1A, CHAF1B and RBBP4 subunits of the CAF-1 complex. Interacts with HAT1, NASP, TAF1, TLK1 and TLK2.,tissue specificity:Highly expressed in testis and at lower levels in colon, small intestine and thymus.,

Research Area

Image Data



Western blot analysis of lysates from K562 cells, using ASF1B Antibody. The lane on the right is blocked with the synthesized peptide.