



ASF1B Monoclonal Antibody

Catalog No	YP-mAb-01543
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	ASF1B
Immunogen	The antiserum was produced against synthesized peptide derived from human ASF1B. AA range:101-150
Specificity	ASF1B Monoclonal Antibody detects endogenous levels of ASF1B protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	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; ASF1B_HUMAN;CCG1 interacting factor A II;CCG1-interacting factor A-II;CIA-II; hAsf1;hAsf1b;hCIA-II;Histone chaperone ASF1B
Observed Band	26kD
Calculated Molecular Weight	26kD
Cell Pathway	Nucleus .
Tissue Specificity	Highly expressed in testis and at lower levels in colon, small intestine and thymus.
Function	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.,

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],

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

