

ASF1B Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant ASF1B.

Catalog # AT1212a

Product Information

Application	WB
Primary Accession	Q9NVP2
Other Accession	BC007726
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 kappa
Clone Names	4D5-2C2
Calculated MW	22434

Additional Information

Gene ID	55723
Other Names	Histone chaperone ASF1B, Anti-silencing function protein 1 homolog B, hAsf1, hAsf1b, CCG1-interacting factor A-II, CIA-II, hCIA-II, ASF1B
Target/Specificity	ASF1B (AAH07726, 1 a.a. ~ 202 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	ASF1B Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

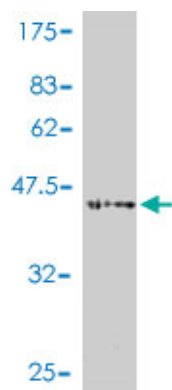
This gene encodes a member of the H3/H4 family of histone chaperone proteins and is similar to the anti-silencing function-1 gene in yeast. The encoded protein is the substrate of the tousel-like kinase family of cell cycle-regulated kinases, and may play a key role in modulating the nucleosome structure of chromatin by ensuring a constant supply of histones at sites of nucleosome assembly.

References

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes

Care, 2010 Jul 13. PMID 20628086. Replication stress interferes with histone recycling and predeposition marking of new histones. Jasencakova Z, et al. Mol Cell, 2010 Mar 12. PMID 20227376. Transcriptional coactivator HCF-1 couples the histone chaperone Asf1b to HSV-1 DNA replication components. Peng H, et al. Proc Natl Acad Sci U S A, 2010 Feb 9. PMID 20133788. Phosphorylation-mediated control of histone chaperone ASF1 levels by Tousled-like kinases. Pilyugin M, et al. PLoS One, 2009 Dec 16. PMID 20016786. Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121.

Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (47.96 KDa) .

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.