

ASF1A/B Polyclonal antibody

Catalog Number: 11011-1-AP

Basic Information

Catalog Number: 11011-1-AP	GenBank Accession Number: BC010014	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop and 247 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 55723	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: Q9NVP2	IHC 1:50-1:500
Isotype: IgG	Full Name: ASF1 anti-silencing function 1 homolog B (S. cerevisiae)	IF/ICC 1:50-1:500
Immunogen Catalog Number: AG1477	Calculated MW: 202 aa, 22 kDa	
	Observed MW: 22 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse	WB : mouse thymus tissue, HeLa cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human lymphoma tissue,
	IF/ICC : HeLa cells,

Background Information

ASF1B is 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. 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. This antibody reacts with the ASF1B and ASF1A protein.

Storage

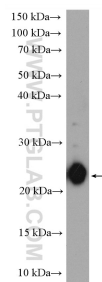
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

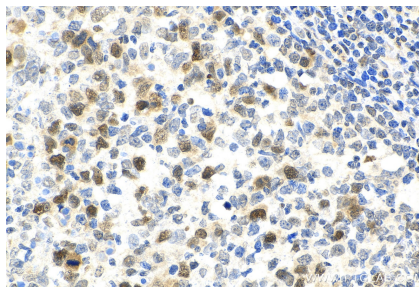
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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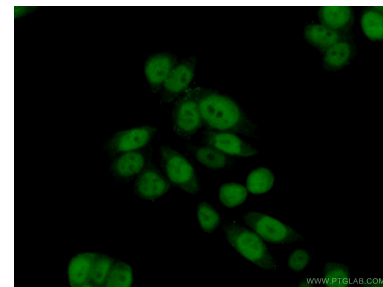
Selected Validation Data



mouse thymus tissue were subjected to SDS PAGE followed by western blot with 11011-1-AP (ASF1B antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lymphoma tissue slide using 11011-1-AP (ASF1A/B antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 11011-1-AP (ASF1B antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).