

# ASF1A Polyclonal antibody

Catalog Number: 10784-1-AP

3 Publications

## Basic Information

## Catalog Number:

10784-1-AP

## Size:

1000 µg/ml

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG1233

## GenBank Accession Number:

BC010878

## GeneID (NCBI):

25842

## UNIPROT ID:

Q9Y294

## Full Name:

ASF1 anti-silencing function 1 homolog A (S. cerevisiae)

## Calculated MW:

204 aa, 23 kDa

## Observed MW:

23 kDa

## Purification Method:

Antigen affinity purification

## Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:10-1:100

## Applications

## Tested Applications:

IHC, IP, WB, ELISA

## Cited Applications:

IF, IP, WB

## Species Specificity:

human

## Cited Species:

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Positive Controls:

WB: HeLa cells, HEK-293 cells

IP: HEK-293 cells,

IHC: human lymphoma tissue,

## Background Information

Anti-silencing function 1, S.cerevisiae, homolog of A(SF1A) is a histone chaperone that has a crucial role in the remodeling of chromatin structure during replication, DNA repair, and cellular senescence. It promotes chromatin assembly in replication-dependent manner by cooperation with chromatin assembly factor1(CAF-1), and cooperates with HIRA in replication-independent manner. It's required for the formation of senescence-associated heterochromatin foci(SAHF) and efficient senescence-associated cell cycle exit.

## Notable Publications

Author	Pubmed ID	Journal	Application
Jiang Wei-Qin WQ	21347226	PLoS One	IF
Xuemei Wang	34906203	Epigenetics Chromatin	WB, IF
Ambagala Aruna P AP	18971269	J Virol	WB, IF, IP

## 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

For technical support and original validation data for this product please contact:

T: 4006900926

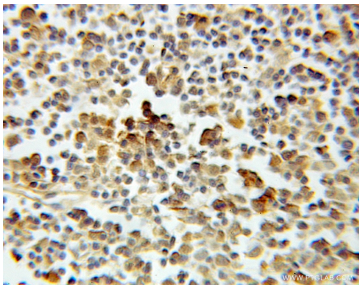
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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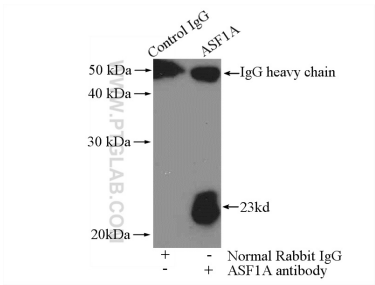
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 10784-1-AP (ASF1A antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lymphoma using 10784-1-AP (ASF1A antibody) at dilution of 1:10 (under 10x lens).



IP result of anti-ASF1A (IP:10784-1-AP, 4ug; Detection:10784-1-AP 1:800) with HEK-293 cells lysate 2800ug.