

For Research Use Only

ASF1A Polyclonal ANTIBODY



Catalog Number: 10784-1-AP **2 Publications**

Basic Information

Catalog Number:
10784-1-AP

Size:
150UL, Concentration: 533 µg/ml by
Bradford method using BSA as the
standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG1233

GenBank Accession Number:
BC010878

GeneID (NCBI):
25842

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 IP and 1:500-1:1000
for WB
IHC 1:10-1:100

Applications

Tested Applications:
IHC, IP, WB, ELISA

Cited Applications:
IF, IP, WB

Species Specificity:
human

Cited Species:
human

**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(ASF1A) 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
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 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

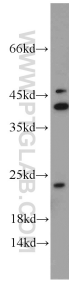
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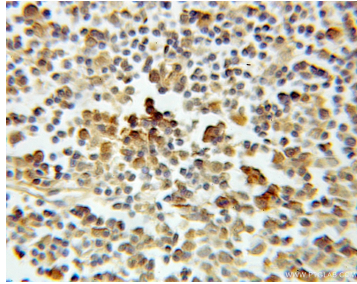
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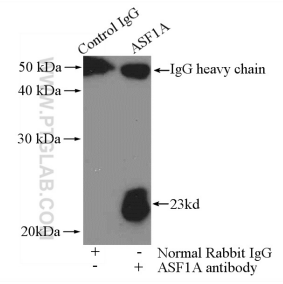
Selected Validation Data



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.