For Research Use Only

AATF Polyclonal antibody

Catalog Number:10282-1-AP Featured Product

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
10282-1-AP

Size:
150ul , Concentration: 800 μg/ml by Nanodrop and 387 μg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG0195

GenBank Accession Number:
BC000591

GeneID (NCBI):
26574

Full Name:
apoptosis antagonizing transcription factor

Calculated MW:
63 kDa

Observed MW:
80-95 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:1000-1:8000
IF 1:10-1:100

Applications

Tested Applications:
IF, WB, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : HEK-293T cells, mouse brain tissue, HepG2 cells, HeLa cells, NIH/3T3 cells

IF : Hela cells,

Background Information

Apoptosis antagonizing transcription factor (AATF) is a nuclear phosphoprotein of 523 amino acids and contains an extremely acidic domain and a putative leucine zipper characteristic of transcription factors. AATF was identified on the basis of its interaction with MAP3K12/DLK, a protein kinase known to be involved in the induction of cell apoptosis. Overexpression of this gene interfered with MAP3K12 induced apoptosis. AATF also binds Rb and the core of pol II, and may be part of transcription regulatory complex.

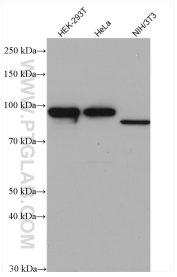
Storage

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

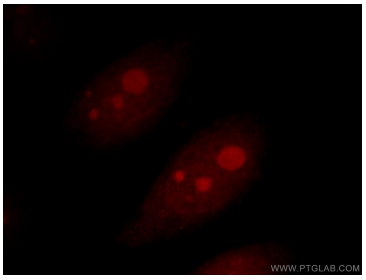
*** 20ul sizes contain 0.1% BSA

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
W: ptglab.com

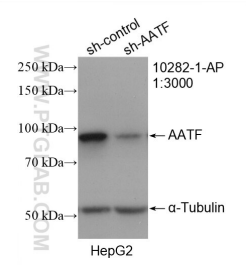
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10282-1-AP (AATF antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of Hela cells, using AATF antibody 10282-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



WB result of AATF antibody (10282-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-AATF transfected HepG2 cells.