

For Research Use Only

# AATF Polyclonal antibody

Catalog Number:10282-1-AP

Featured Product



## Basic Information

**Catalog Number:**

10282-1-AP

**Size:**

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

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG0195

**GenBank Accession Number:**

BC000591

**GeneID (NCBI):**

26574

**UNIPROT ID:**

Q9NY61

**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/ICC 1:10-1:100

## Applications

**Tested Applications:**

WB, IF/ICC, ELISA

**Species Specificity:**

human, mouse, rat

**Positive Controls:**

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

IF/ICC : 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

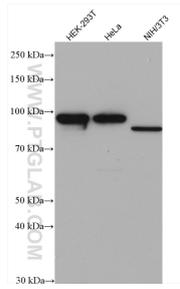
For technical support and original validation data for this product please contact:

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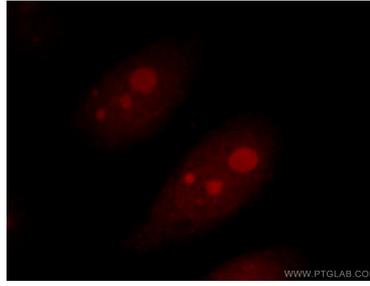
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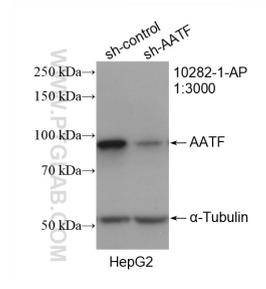
## Selected Validation Data



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.