

For Research Use Only

# AATF Polyclonal antibody, PBS Only

Catalog Number: 10282-1-PBS

Featured Product



## Basic Information

**Catalog Number:**

10282-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**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

## Applications

**Tested Applications:**

WB, IHC, IF/ICC, Indirect ELISA

**Species Specificity:**

human, mouse, rat

## 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 -80°C.

**Storage Buffer:**

PBS only, pH7.3

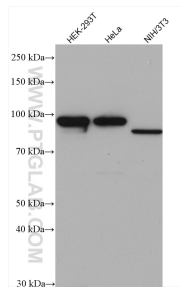
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

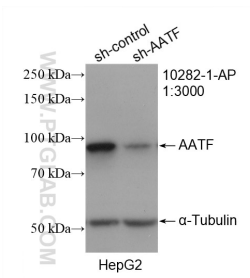
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data

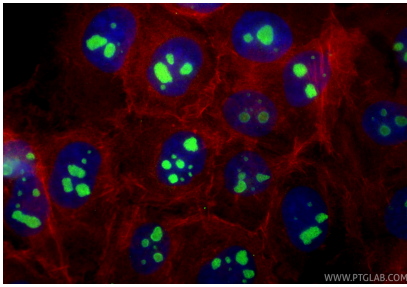


Various lysates were subjected to SDS PAGE followed by western blot with 10282-1-AP (AATF antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 10282-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 10282-1-PBS in a different storage buffer formulation.

Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 10282-1-AP (AATF antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 10282-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using AATF antibody (10282-1-AP) at dilution of 1:1500 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 10282-1-PBS in a different storage buffer formulation.