

## Protein AATF Polyclonal Antibody

Catalog No: #42429

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

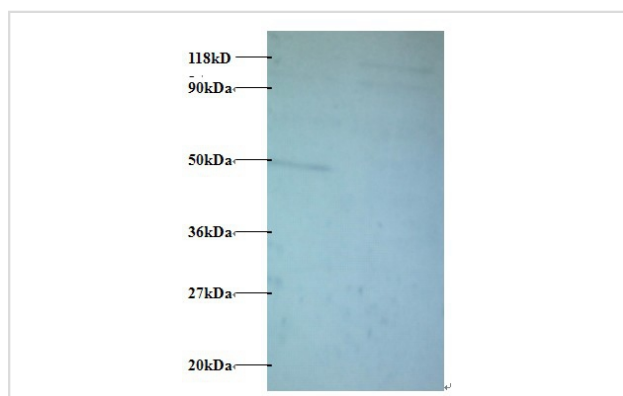
## Description

Product Name	Protein AATF Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Protein AATF polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Protein AATF protein
Target Name	Protein AATF
Other Names	AATF
Accession No.	Swiss-Prot#: Q9NY61
Uniprot	Q9NY61
GeneID	26574;
Calculated MW	62kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

## Application Details

Western blotting: □1:500 - 1:1000

## Images



All lanes : Protein AATF antibody at 2ug/ml  
 Lane 1 : 293T whole cell lysate  
 Lane 2 : EC109 whole cell lysate  
 Secondary  
 Goat polyclonal to Rabbit IgG at 1/15000 dilution  
 Predicted band size : 62kDa  
 Observed band size: 50kDa

## Background

May function as a general inhibitor of the histone deacetylase HDAC1. Binding to the pocket region of RB1 may displace HDAC1 from RB1/E2F complexes, leading to activation of E2F target genes and cell cycle progression. Conversely, displacement of HDAC1 from SP1 bound to the CDKN1A promoter leads to increased expression of this CDK inhibitor and blocks cell cycle progression. Also antagonizes PAWR mediated induction of aberrant amyloid peptide production in Alzheimer disease (presenile and senile dementia), although the molecular basis for this phenomenon has not

been described to date.

## References

---

[1]"Identification of novel transcription factor-like gene from human intestinal cells."Lindfors K., Halttunen T., Huotari P., Nupponen N., Vihinen M., Visakorpi T., Maki M., Kainulainen H.Biochem. Biophys. Res. Commun. 276:660-666(2000) [2] "Identifi

---

Note: This product is for in vitro research use only