

Anti-Protein AATF AATF Antibody

Catalog Number: A03945

About AATF

AATF (apoptosis antagonizing transcription factor) was initially discovered as an interaction partner of ZIP kinase (ZIPK), a member of death-associated protein (DAP) kinase family of pro-apoptotic serine/threonine kinases. AATF is a phosphoprotein containing an acidic region and a putative leucine zipper domain and nuclear localization signal, features which are typical of transcription factors. AATF inhibits the ZIPK-mediated pro-apoptotic pathway and may activate other anti-apoptotic pathways. Recently, it has also been shown to protect neural cells against oxidative damage induced by amyloid b-peptide and to inhibit aberrant production of the beta-peptide by interacting with Par-4 (prostate apoptosis response-4), another pro-apoptotic leucine zipper protein that is associated with neuronal degeneration in Alzheimer's disease (AD), suggesting that AATF may have potential therapeutic applications in both familial and sporadic forms of AD.

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Overview

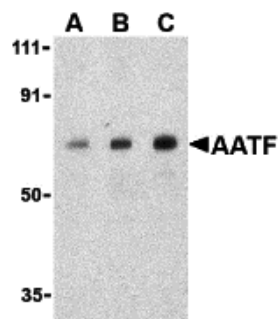
Product Name	Anti-Protein AATF AATF Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Protein AATF AATF Antibody (Catalog # A03945). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	AATF Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	AATF antibody can be stored at 4°C for three months and -20°C, stable for up to one year. Avoid repeated freeze-thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q9NY61

Technical Details

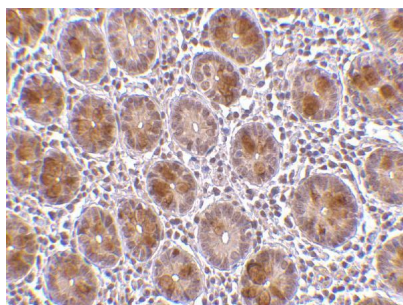
Immunogen	AATF antibody was raised against a 12 amino acid synthetic peptide from near the carboxy terminus of human AATF. The immunogen is located within the last 50 amino acids of AATF.
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Predicted Reactive Species	Bovine
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	AATF Antibody is immunoaffinity purified IgG.
Suggested Dilutions	AATF antibody can be used for the detection of AATF by Western blot at 0.5 - 2 ug/mL. Antibody can also be used for immunohistochemistry starting at 10 ug/mL. For immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in human samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

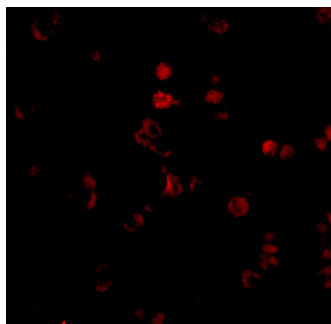
Anti-Protein AATF AATF Antibody (A03945) Images



Western blot analysis of AATF in human small intestine cell lysate with AATF antibody at (A) 0.5, (B) 1 and (C) 2 ug/mL.



Immunohistochemistry of AATF in human small intestine tissue with AATF antibody at 10 ug/mL.



Immunofluorescence of AATF in Human Small Intestine cells with AATF antibody at 20 ug/mL.

[Anti-Protein AATF AATF Antibody](#)

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