

Datasheet for ABIN7165006
anti-AATF antibody (AA 6-294)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	AATF
Binding Specificity:	AA 6-294
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AATF antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Protein AATF protein (6-294AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	AATF
Alternative Name:	AATF (AATF Products)
Background:	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

Target Details

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.

Aliases: AATF antibody, AATF_HUMAN antibody, Apoptosis antagonizing transcription factor antibody, Apoptosis-antagonizing transcription factor antibody, BFR2 antibody, CHE 1 antibody, CHE1 antibody, DED antibody, Protein AATF antibody, Rb binding protein Che 1 antibody, Rb-binding protein Che-1 antibody

UniProt: [Q9NY61](#)

Pathways: [Neurotrophin Signaling Pathway](#), [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

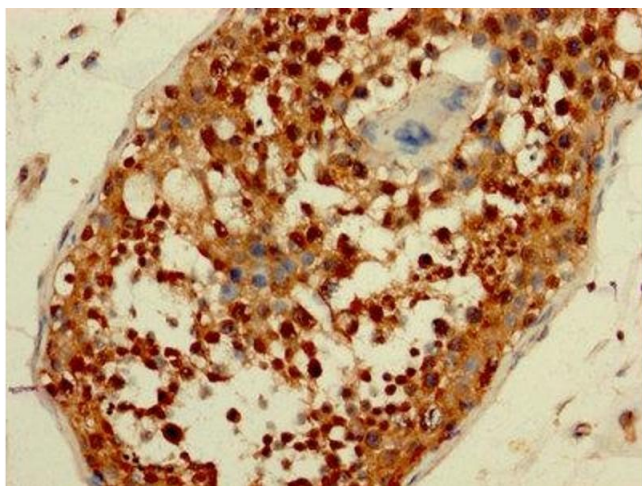
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. IHC image of ABIN7165006 diluted at 1:200 and staining in paraffin-embedded human testis tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.