

Mouse anti-Human AATF Monoclonal Antibody | anti-AATF antibody

Anti-AATF Antibody (clone 3C7)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162294	Mouse	Human	Western Blot, Immunohistochemistry, Immunofluorescence, ELISA

PRODUCT SYNONYMS

AATF; Monoclonal Antibody; Anti-AATF Antibody (clone 3C7); Rabbit Polyclonal (IgG) to Human AATF; CHE1; DED; Rb-binding protein Che-1; CHE-1; Protein AATF; anti-AATF antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, k
Clone Number	3C7
Specificity	Human AATF
Purity/Purification	Purified from ascites by Protein A
Form/Format	PBS, pH 7.4.
Sequence Length	560
Applicable Applications for anti-AATF antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA
Immunogen	AATF (AAH00591, 151 a.a. ~ 250 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C or lower. Aliquot to avoid repeated freezing and thawing.

IMAGES



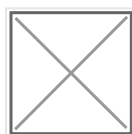
ELISA

Detection limit for recombinant GST tagged AATF is 0.03 ng/ml as a capture antibody.



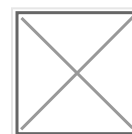
WB (Western Blot)

AATF monoclonal antibody (M04), clone 3C7 Western blot of AATF expression in HeLa NE.



IF (Immunofluorescence)

Immunofluorescence of monoclonal antibody to AATF on HeLa cell. [antibody concentration 10 ug/ml]



IHC (Immunohistochemistry)

Anti-AATF antibody IHC staining of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-AATF antibody	May function as a general inhibitor of the histone deacetylase HDAC1.Binding to the pocket region of RB1 may displace HDAC1 from RB1/E2Fcomplexes, leading to activation of E2F target genes and cell cycleprogression. Conversely, displacement of HDAC1 from SP1 bound to the CDKN1A promoter leads to increased expression of this CDK inhibitor and blocks cell cycle progression.
Product Categories/Family for anti-AATF antibody	Transcription factor

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657013
NCBI GeneID	26574
NCBI Accession #	NP_036270.1
NCBI GenBank Nucleotide #	NM_012138.3
UniProt Accession #	Q9NY61; Q9P0A4; Q9UNX5; A6NCJ6; B3KQ26
Molecular Weight	63,133 Da
NCBI Official Full Name	protein AATF
NCBI Official Synonym Full Names	apoptosis antagonizing transcription factor
NCBI Official Symbol	AATF
NCBI Official Synonym Symbols	DED; BFR2; CHE1; CHE-1
NCBI Protein Information	protein AATF
UniProt Protein Name	Protein AATF
UniProt Gene Name	AATF
UniProt Synonym Gene Names	CHE1; DED

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/aatf-antibody-clone-3c7-western-blot-immunohistochemistry-immunofluorescence-elisa/162294>