

Rabbit ATAD3A Polyclonal Antibody | anti-ATAD3A antibody

ATAD3A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39670	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

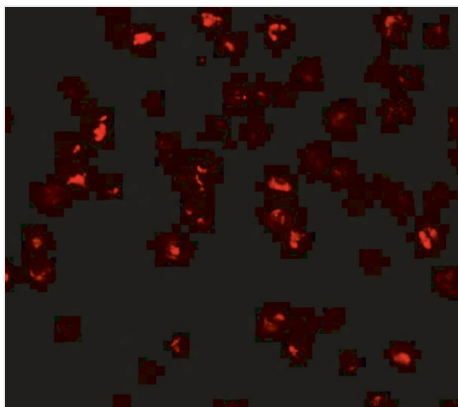
PRODUCT SYNONYMS

ATAD3A; Polyclonal Antibody; ATAD3A Antibody; ATPase family AAA domain-containing protein 3A; ATPase family; AAA domain containing 3A; anti-ATAD3A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ATAD3A antibody is predicted to not cross-react with other ATAD protein family members. At least two isoforms are known to exist.
Purity/Purification	ATAD3A Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	634
Applicable Applications for anti-ATAD3A antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	ATAD3A antibody was raised against a 19 amino acid synthetic peptide near the amino terminus of human ATAD3A.
Buffer	ATAD3A Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	ATAD3A antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

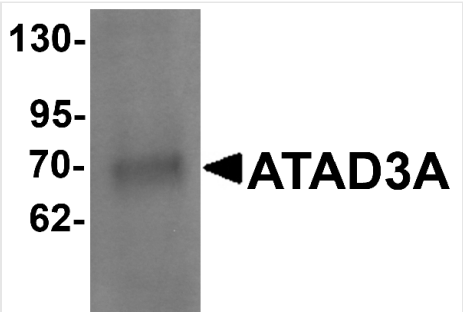
IMAGES



IF (Immunofluorescence)
Immunofluorescence of ATAD3A in Daudi cells with ATAD3A antibody at 20 μg/mL.



ICC (Immunocytochemistry)
Immunocytochemistry of ATAD3A in Daudi cells with ATAD3A antibody at 20 μg/mL.



WB (Western Blot)
Western blot analysis of ATAD3A in Daudi cell lysate with ATAD3A antibody at 1 μg/mL .

ADDITIONAL INFORMATION

Related Product Information for anti-ATAD3A antibody

ATAD3A Antibody: ATAD3A is a member of the AAA ATPase family, a family of proteins that catalyze ATP into ADP and are involved in several cellular functions such as cell-cycle regulation, protein proteolysis and transport. The AAA ATPase family is characterized by a highly conserved AAA motif containing Walker homology sequences and imparting ATPase activity. Mitochondrial membrane proteins ATAD3A/B contribute to the stabilization of nucleoids and may participate in the transformation pathway and the chemosensitivity of oligodendrogliomas. The gene encoding ATAD3A/B/C maps to human chromosome 1 and has been suggested to be an anti-apoptotic marker.

NCBI AND UNIPROT INFORMATION

NCBI GI #	283436220
NCBI GeneID	55210
NCBI Accession #	NP_060658.3
NCBI GenBank Nucleotide #	NM_018188.3
UniProt Accession #	Q9NV17; Q5SV23; Q8N275; Q96A50; B3KPB3; D2K8Q1; G3V1I6
Molecular Weight	57,948 Da
NCBI Official Full Name	ATPase family AAA domain-containing protein 3A isoform 1
NCBI Official Synonym Full Names	ATPase family, AAA domain containing 3A
NCBI Official Symbol	ATAD3A
NCBI Protein Information	ATPase family AAA domain-containing protein 3A
UniProt Protein Name	ATPase family AAA domain-containing protein 3A

UniProt Gene Name	ATAD3A
UniProt Entry Name	ATD3A_HUMAN

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/polyclonal/atad3a-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/39670>