# 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

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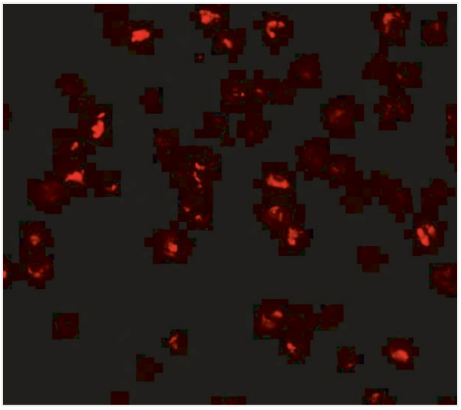
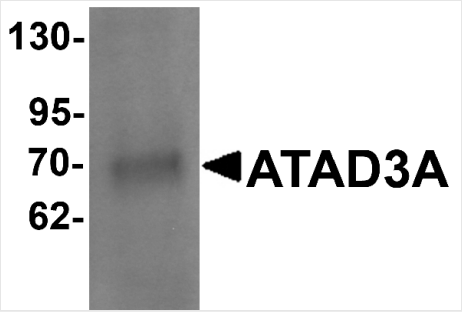
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse, Rat |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Specificity** | ATAD3A antibody is predicted to not cross-react with other ATAD protein family members. At least two isoforms are known to exist. |
| **Purity/Purification** | 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

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| **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

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|---|---|
| **NCBI GI #** | 283436220 |
| **NCBI GeneID** | 55210 |
| **NCBI Accession #** | NP_060658.3 |
| **NCBI GenBank Nucleotide #** | NM_018188.3 |
| **UniProt Accession #** | Q9NVI7; 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://www.aaabiotech.com/polyclonal/atad3a-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/39670