

Rabbit ATAD3A/ATAD3B Polyclonal Antibody | anti-ATAD3A/ATAD3B antibody

ATAD3A/ATAD3B Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA282217	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

ATAD3A/ATAD3B; Polyclonal Antibody; ATAD3A/ATAD3B Rabbit pAb; ATAD3B; AAA-TOB3; TOB3; ATPase family; anti-ATAD3A/ATAD3B antibody

PRODUCT SPECIFICATIONS

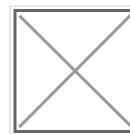
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Applicable Applications for anti-ATAD3A/ATAD3B antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Positive Samples	HeLa, A-549, U-251MG
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-240 of human ATAD3B (NP_114127.3).
Cellular Location	Mitochondrion inner membrane, Peripheral membrane protein
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of H9C2 cells using ATAD3A/ATAD3B antibody at dilution of 1:100 (40x lens).Blue: DAPI for nuclear staining.



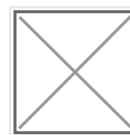
IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using ATAD3A/ATAD3B antibody at dilution of 1:100 (40x lens).Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using ATAD3A/ATAD3B antibody at dilution of 1:100 (40x lens).Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various lysates, using ATAD3A/ATAD3B antibody at 1:1000 dilution.Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit.Exposure time: 1s.

ADDITIONAL INFORMATION

Related Product Information for anti-ATAD3A/ATAD3B antibody	The protein encoded by this gene is localized to the mitochondrial inner membrane, where it can bind to a highly-related protein, ATAD3A. ATAD3A appears to interact with matrix nucleoid complexes, and the encoded protein negatively regulates that interaction. This gene is expressed almost exclusively in pluripotent embryonic stem cells and some cancer cells. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-ATAD3A/ATAD3B antibody	Cancer; Signal Transduction; Endocrine & Metabolism; Mitochondrial metabolism; Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	83858
Molecular Weight	Observed MW: 68KDa Calculated MW: 19kDa/67kDa/72kDa

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-atad3b-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/282217>