

Rabbit anti-Human ATAD3B Polyclonal Antibody | anti-ATAD3B antibody

ATAD3B Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39398	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

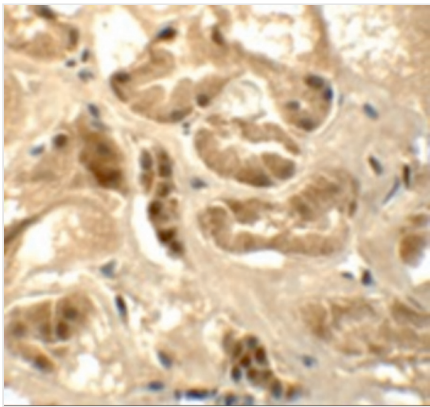
PRODUCT SYNONYMS

ATAD3B; Polyclonal Antibody; ATAD3B Antibody; TOB3; AAA-TOB3; KIAA1273; ATPase family AAA domain-containing protein 3B; ATPase family; AAA domain containing 3B; anti-ATAD3B antibody

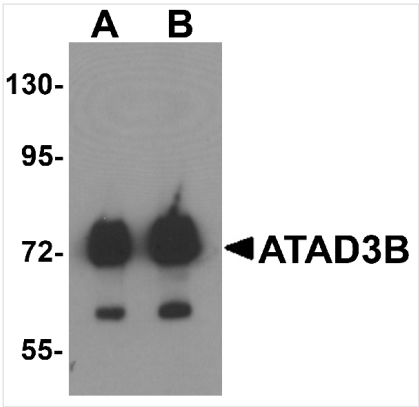
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	ATAD3B antibody is predicted to not cross-react with other ATAD protein family members. At least three isoforms of ATAD3B are known to exist.
Purity/Purification	ATAD3B Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	648
Applicable Applications for anti-ATAD3B antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	ATAD3B antibody was raised against a 14 amino acid synthetic peptide near the carboxy terminus of human ATAD3B.
Buffer	ATAD3B Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	ATAD3B 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



IHC (Immunohistochemistry)
Immunohistochemistry of ATAD3B in human kidney tissue with ATAD3B antibody at 5 μg/mL.



WB (Western Blot)
Western blot analysis of ATAD3B in human kidney tissue lysate with ATAD3B antibody at (A) 1 and (B) 2 μg/mL .

ADDITIONAL INFORMATION

Related Product Information for anti-ATAD3B antibody	ATAD3B Antibody: ATAD3B 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	75677353
NCBI GeneID	83858
NCBI Accession #	NP_114127
NCBI GenBank Nucleotide #	NM_031921.4
UniProt Accession #	Q5T9A4; Q6ZRB5; Q9BUK4; Q9ULE7; A8K3H1
Molecular Weight	67,608 Da
NCBI Official Full Name	ATPase family AAA domain-containing protein 3B
NCBI Official Synonym Full Names	ATPase family, AAA domain containing 3B
NCBI Official Symbol	ATAD3B
NCBI Official Synonym Symbols	TOB3; AAA-TOB3
NCBI Protein Information	ATPase family AAA domain-containing protein 3B; AAA-ATPase TOB3
UniProt Protein Name	ATPase family AAA domain-containing protein 3B
UniProt Gene Name	ATAD3B
UniProt Synonym Gene Names	KIAA1273; TOB3
UniProt Entry Name	ATD3B_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.