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Datasheet for ABIN6991548  
**anti-ATAD3B antibody (C-Term)**

### Overview

Quantity:	0.1 mg
Target:	ATAD3B
Binding Specificity:	AA 570-620, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATAD3B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	ATAD3B antibody was raised against a 14 amino acid synthetic peptide near the carboxy terminus of human ATAD3B. The immunogen is located within amino acids 570 - 620 of ATAD3B.
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.
Purification:	ATAD3B Antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	ATAD3B
Alternative Name:	ATAD3B ( <a href="#">ATAD3B Products</a> )

## Target Details

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**Background:** 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.

**Gene ID:** 83858

**NCBI Accession:** [NP\\_114127](#)

**UniProt:** [Q5T9A4](#)

## Application Details

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**Application Notes:** ATAD3B antibody can be used for detection of ATAD3B by Western blot at 1 - 2 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL.

Antibody validated: Western Blot in human samples and Immunohistochemistry in human samples. All other applications and species not yet tested.

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Concentration:** 1 mg/mL

**Buffer:** ATAD3B Antibody is supplied in PBS containing 0.02 % sodium azide.

**Preservative:** Sodium azide

**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** -20 °C, 4 °C

**Storage Comment:** ATAD3B antibody can be stored at 4°C for three months and -20°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.