

Datasheet for ABIN6991547
anti-ATAD3A antibody (N-Term)



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Overview

Quantity:	0.1 mg
Target:	ATAD3A
Binding Specificity:	AA 110-160, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATAD3A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	ATAD3A antibody was raised against a 19 amino acid synthetic peptide near the amino terminus of human ATAD3A. The immunogen is located within amino acids 110 - 160 of ATAD3A.
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.
Purification:	ATAD3A Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	ATAD3A
Alternative Name:	ATAD3A (ATAD3A Products)

Target Details

Background:	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.
Gene ID:	55210
UniProt:	Q9NVI7

Application Details

Application Notes:	ATAD3A antibody can be used for detection of ATAD3A by Western blot at 1 µg/mL. Antibody can also be used for immunocytochemistry starting at 20 µg/mL. For immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in human samples, Immunocytochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	ATAD3A 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:	ATAD3A 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.