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Datasheet for ABIN783500 anti-ATAD3A antibody (N-Term)

Image



Overview

1

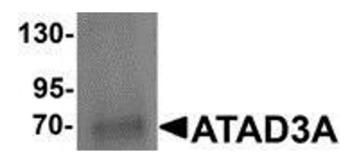
Quantity:	0.1 mg
Target:	ATAD3A
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATAD3A antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)
Product Details	
Immunogen:	19 amino acid peptide near the amino terminus of human ATAD3A
Specificity:	This antibody detects ATAD3A at N-term. It is predicted to not cross-react with other ATAD protein family members. At least two isoforms are known to exist.
Cross-Reactivity (Details):	Species reactivity (tested):Human, mouse, rat
Purification:	Affinity chromatography purified via peptide column
Target Details	
Target:	ATAD3A

l'arget:	ATAD3A
Alternative Name:	ATAD3A (ATAD3A Products)
Background:	ATAD3A is a member of the AAA ATPase family, a family of proteins that catalyze ATP into ADP

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Target Details

	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.Synonyms: ATPase family AAA domain-containing protein 3A
Gene ID:	55210
NCBI Accession:	NP_001164006
UniProt:	Q9NVI7
Application Details	
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Application Notes:	Optimal working dilution should be determined by the investigator.
Application Notes: Restrictions:	Optimal working dilution should be determined by the investigator. For Research Use only
Restrictions:	
Restrictions:	
Restrictions: Handling	For Research Use only
Restrictions: Handling Buffer:	For Research Use only PBS containing 0.02 % sodium azide
Restrictions: Handling Buffer: Preservative:	For Research Use only PBS containing 0.02 % sodium azide Sodium azide
Restrictions: Handling Buffer: Preservative:	For Research Use only PBS containing 0.02 % sodium azide Sodium azide This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
Restrictions: Handling Buffer: Preservative: Precaution of Use:	For Research Use only PBS containing 0.02 % sodium azide Sodium azide This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.



Western Blotting

Image 1. Western blot analysis of ATAD3A in Daudi cell lysate with ATAD3A antibody at 1 $\mu\text{g/ml}$

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