

Datasheet for ABIN783500

anti-ATAD3A antibody (N-Term)



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1 Image

Overview

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

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

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Buffer: 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.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of ATAD3A in Daudi cell lysate with ATAD3A antibody at 1 µg/ml