Datasheet for ABIN7264303

anti-ATAD3B antibody

4 Images

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Overview

Quantity:	200 µL
Target:	ATAD3B
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATAD3B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human ATAD3B (NP_114127.3).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	ATAD3B
Alternative Name:	ATAD3B (ATAD3B Products)
Background:	The protein encoded by this gene is localized to the mitochondrial inner membrane, where it can bind to a highly-related protein, ATAD3A. ATAD3A appears to interact with matrix nucleoid complexes, and the encoded protein negatively regulates that interaction. This gene is expressed almost exclusively in pluripotent embryonic stem cells and some cancer cells. Two

Target Details

	transcript variants encoding different isoforms have been found for this gene.
Molecular Weight:	Observed_MW: 68 kDa Calculated_MW: 19 kDa/67 kDa/72 kDa
Gene ID:	83858
UniProt:	Q5T9A4

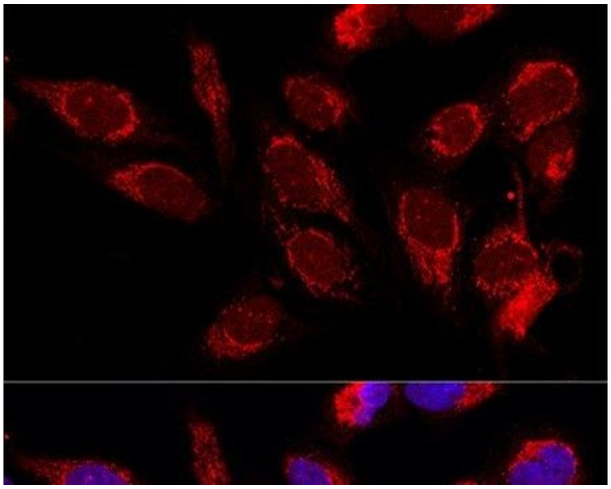
Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:50-1:100 IF 1:50-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
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
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



Immunofluorescence

Image 1. Confocal immunofluorescence analysis of U2OS cells using ATAD3B Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

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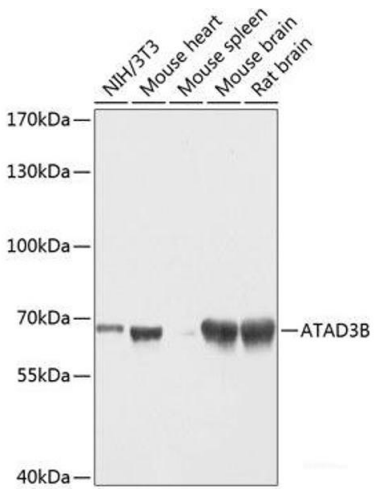
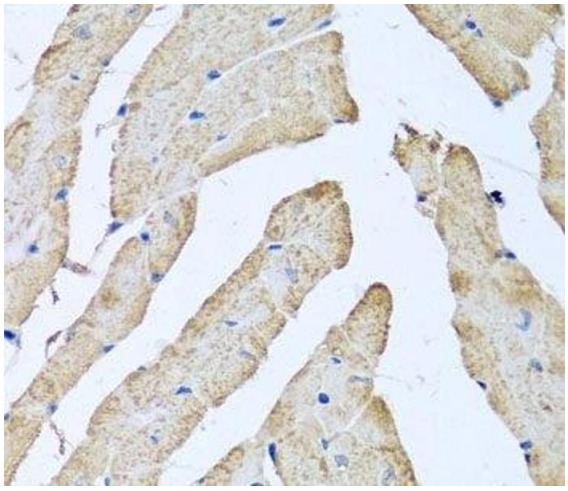


Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using ATAD3B Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Mouse heart using ATAD3B Polyclonal Antibody at dilution of 1:100 (40x lens).

Please check the product details page for more images. Overall 4 images are available for ABIN7264303.