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Datasheet for ABIN5516613 **anti-ATAD3B antibody (N-Term)**

Overview

Quantity:	100 µL
Target:	ATAD3B
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ATAD3B antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human ATAD3B
Sequence:	LPPAQPGAEG GGDRGLGDRP APKDKWSNFD PTGLERAACA ARELEHSRYA
Purification:	Affinity purified

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

Target Details

expressed almost exclusively in pluripotent embryonic stem cells and some cancer cells. Two transcript variants encoding different isoforms have been found for this gene.

Alias Symbols: TOB3, AAA-TOB3

Protein Size: 586

Gene ID: 83858

NCBI Accession: [NM_001170535](#), [NP_114127](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.