



## Datasheet for ABIN6657738 **anti-ATAD1 antibody**



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### 1 Image

#### Overview

Quantity:	100 µg
Target:	ATAD1
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ATAD1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Fluorescence Microscopy (FM)

#### Product Details

Immunogen:	Immunogen: Thorase/Atad1 Antibody was produced in mice by repeated immunizations raised against a full length fusion protein of mouse Thorase. Immunogen Type: Recombinant Protein
Clone:	S125-10
Isotype:	IgG1
Cross-Reactivity:	Human, Mouse (Murine), Rat (Rattus)
Purification:	Anti-Thorase/Atad1 Antibody was purified by Protein G chromatography. A BLAST analysis was used to suggest cross-reactivity with Thorase/Atad1 from mouse, human, and rat based on 100% homology with the immunizing sequence. Cross-reactivity with Thorase/Atad1 from other sources has not been determined. Ion Channels research.

## Target Details

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Target:	ATAD1
Alternative Name:	Thorase/Atad1 ( <a href="#">ATAD1 Products</a> )
Background:	Synonyms: ATPase family AAA domain containing 1, FLJ14600, FNP001, AFDC1, Thorase, Atad1 Background: ATPase family, AAA domain containing 1 has a length of 361 amino acids. Gene Name: Atad1
Gene ID:	67979
NCBI Accession:	<a href="#">NP_080763</a>
UniProt:	<a href="#">Q9D5T0</a>
Pathways:	<a href="#">Synaptic Membrane</a>

## Application Details

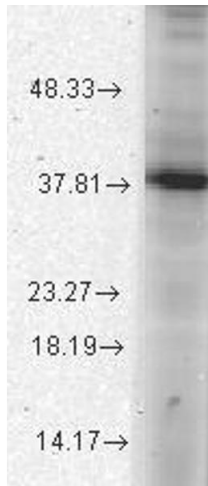
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Application Notes:	Immunohistochemistry Dilution: 0.1-1.0 µg/mL Application Note: Anti-Thorase/Atad1 Antibody is suitable for use in WB, IHC and IF microscopy. Expect a band approximately ~40 kDa on specific lysates. Specific conditions for reactivity should be optimized by the end user. Western Blot Dilution: 1-10 µg/mL IF Microscopy Dilution: 1.0-10 µg/mL
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 50 % (v/v) Glycerol
Storage:	RT, 4 °C, -20 °C
Storage Comment:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.



### Western Blotting

**Image 1.** Thorase/Atad1 Western Blot. Western Blot of mouse anti-Thorase/Atad1 antibody. Lane 1: Rat brain membrane. Primary antibody: Thorase/Atad1 antibody at 1:1000 for overnight at 4°C. Secondary antibody: Goat anti-mouse IgG HRP secondary antibody at 1:10,000 for 45 min at RT. Block: 5% Blotto overnight 4°C. Predicted/Observed size:40.7 kDa/40kD. Other band(s): none.