## For Research Use Only

## ATAD1 Monoclonal antibody

Catalog Number: 60442-2-Ig



**Basic Information** 

Catalog Number:

GenBank Accession Number: BC010868

Purification Method:

60442-2-lg Size:

GeneID (NCBI):

Protein G purification

1000 µg/ml Source: GeneID (NCBI): 84896 UNIPROT ID: CloneNo.: 2A2C3

Mouse Isotype: Q8NBU5 Full Name: Recommended Dilutions: WB 1:5000-1:50000

lgG1

ATPase family, AAA domain

Immunogen Catalog Number: AG10471

containing 1
Calculated MW:

361 aa. 41 kDa

Observed MW: 32-37 kDa

**Applications** 

**Tested Applications:** 

WB, ELISA

Species Specificity: human, mouse, rat, rabbit Positive Controls:

WB: TT cells, rabbit brain tissue, HeLa cells, HEK-293

cells, rat brain tissue, mouse brain tissue

**Background Information** 

The mitochondrial AAA (ATPase Associated with diverse cellular Activities) protein ATAD1 (in humans; Msp1 in yeast) removes mislocalized membrane proteins, as well as stuck import substrates from the mitochondrial outer membrane, facilitating their re-insertion into their cognate organelles and maintaining mitochondria's protein

Storage

Storage:

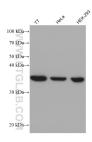
Store at -20°C. Stable for one year after shipment.

Storage Buffer

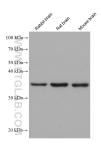
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 60442-2-1g (ATAD1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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