

For Research Use Only

# ATAD3C Polyclonal antibody, PBS Only

Catalog Number: 21881-1-PBS



## Basic Information

Catalog Number:

21881-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16422

GenBank Accession Number:

BC101211

GeneID (NCBI):

219293

UNIPROT ID:

Q5T2N8

Full Name:

ATPase family, AAA domain containing 3C

Calculated MW:

473 aa, 52 kDa

Observed MW:

46 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

## Background Information

ATAD3 (ATPase family AAA Domain-containing protein 3) is a mitochondrial transmembrane protein involved in a variety of cellular processes. ATAD3 contains three isoforms: ATAD3A, ATAD3B and ATAD3C. ATAD3C has a negative dominant role in mitochondrial OXPHOS function and its expression regulates ATAD3A in cells (PMID: 38092275). This antibody can detect ATAD3C.

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

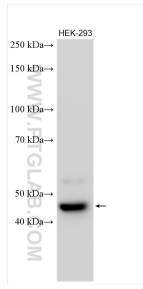
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 21881-1-AP (ATAD3C antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 21881-1-PBS in a different storage buffer formulation.