

For Research Use Only

# ATP5G2-Specific Polyclonal antibody

Catalog Number: 19785-1-AP



## Basic Information

Catalog Number:

19785-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_005176

GeneID (NCBI):

517

UNIPROT ID:

Q06055

Full Name:

ATP synthase, H<sup>+</sup> transporting,  
mitochondrial F<sub>0</sub> complex, subunit C2  
(subunit 9)

Calculated MW:

21 kDa

Observed MW:

28 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IP 0.5-4.0 µg for 1.0-3.0 mg of total  
protein lysate

## Applications

Tested Applications:

IP, ELISA

Species Specificity:

human, mouse

Positive Controls:

IP: HEK-293 cells,

## Background Information

ATP5G2, also named as ATPase protein 9 and ATPase subunit c, belongs to the ATPase C chain family. Mitochondrial membrane ATP synthase (F<sub>1</sub>F<sub>0</sub> ATP synthase or Complex V) produces ATP from ADP in the presence of a proton gradient across the membrane which is generated by electron transport complexes of the respiratory chain. ATP5G2 is the major protein stored in the storage bodies of animals or humans affected with ceroid lipofuscinosis (Batten disease). This antibody is specific to ATP5G2.

## 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

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

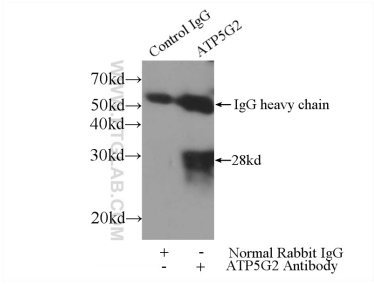
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E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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

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## Selected Validation Data



IP result of anti-ATP5G2-Specific (IP:19785-1-AP, 3ug; Detection:19785-1-AP 1:300) with HEK-293 cells lysate 3200ug.