For Research Use Only

ATP5G2-Specific Polyclonal antibody

Catalog Number:19785-1-AP

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Basic Information

Catalog Number:
19785-1-AP

Size:
150ul , Concentration: 500 ug/ml by Nanodrop and 193 ug/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
NM_005176

GeneID (NCBI):
517

UNIPROT ID:
Q06055

Full Name:
ATP synthase, H+ transporting, mitochondrial F0 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 ug 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 (F1F0 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

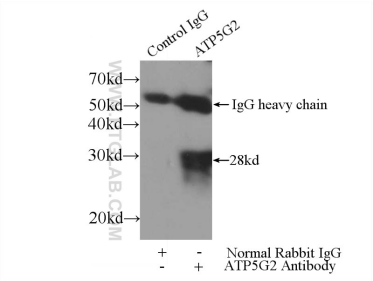
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

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.