

For Research Use Only

ATP5G2-Specific Polyclonal antibody



Catalog Number: 19785-1-AP

Basic Information

Catalog Number: 19785-1-AP	GenBank Accession Number: NM_005176	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop and 193 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 517	Recommended Dilutions: IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
Source: Rabbit	Full Name: ATP synthase, H ⁺ transporting, mitochondrial F ₀ complex, subunit C2 (subunit 9)	
Isotype: IgG	Calculated MW: 21 kDa	
	Observed MW: 28 kDa	

Applications

Tested Applications: IP, ELISA	Positive Controls: IP : HEK-293 cells,
Species Specificity: human, mouse	

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

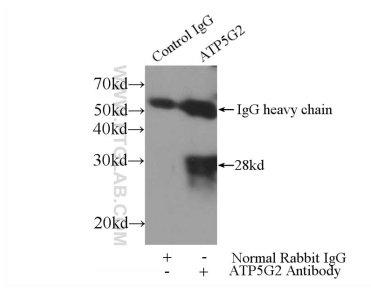
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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.