

For Research Use Only



ATP4A Recombinant antibody, PBS Only

Catalog Number: 83079-5-PBS

Basic Information

Catalog Number: 83079-5-PBS	GenBank Accession Number: NM_000704	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 495	CloneNo.: 230313C10
Source: Rabbit	UNIPROT ID: P20648	
Isotype: IgG	Full Name: ATPase, H ⁺ /K ⁺ exchanging, alpha polypeptide	
	Calculated MW: 114 kDa	
	Observed MW: 114 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human, mouse, rat

Background Information

The gastric H⁺, K⁺-ATPase is a heterodimer consisting of a high molecular weight catalytic alpha subunit and a smaller but heavily glycosylated beta subunit. ATP4A belongs to a family of P-type cation-transporting ATPases, encodes a catalytic alpha subunit of the gastric H⁺, K⁺-ATPase, and transports H⁺ ions in exchange for K⁺ ions across the apical membrane of parietal cells.

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

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

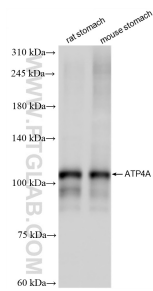
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83079-5-RR (ATP4A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83079-5-PBS in a different storage buffer formulation.