

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: 100ug, Concentration: 1 mg/ml by Nanodrop;	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

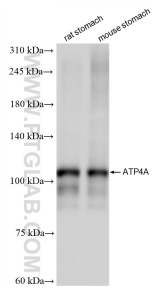
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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
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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.