

For Research Use Only

ATP4A Recombinant antibody

Catalog Number:83079-5-RR



Basic Information

Catalog Number: 83079-5-RR	GenBank Accession Number: NM_000704	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 495	CloneNo.: 230313C10
Source: Rabbit	UNIPROT ID: P20648	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: ATPase, H+/K+ exchanging, alpha polypeptide	
	Calculated MW: 114 kDa	
	Observed MW: 114 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : rat stomach tissue, mouse stomach tissue
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 -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

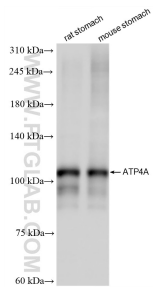
For technical support and original validation data for this product please contact:

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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.