

For Research Use Only

# ATP4B Polyclonal antibody

Catalog Number: 18692-1-AP

1 Publications



## Basic Information

Catalog Number:

18692-1-AP

Size:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6935

GenBank Accession Number:

BC029059

GeneID (NCBI):

496

UNIPROT ID:

P51164

Full Name:

ATPase, H<sup>+</sup>/K<sup>+</sup> exchanging, beta polypeptide

Calculated MW:

33 kDa

Observed MW:

60-80 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

IHC 1:400-1:1600

IF-P 1:200-1:800

## Applications

Tested Applications:

WB, IHC, IF-P, ELISA

Cited Applications:

IF

Species Specificity:

human, mouse, rat

Cited Species:

mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

WB : mouse stomach tissue, mouse colon tissue, rat kidney tissue, rat stomach

IHC : human stomach cancer tissue,

IF-P : mouse stomach tissue,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Yuan Zhou	39287361	FASEB J	IF

## 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

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

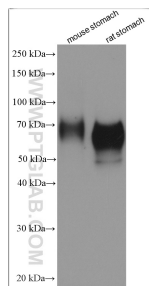
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

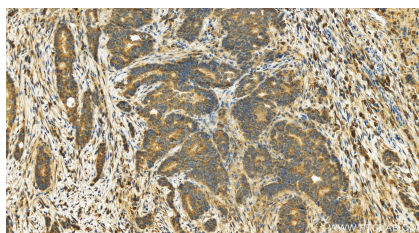
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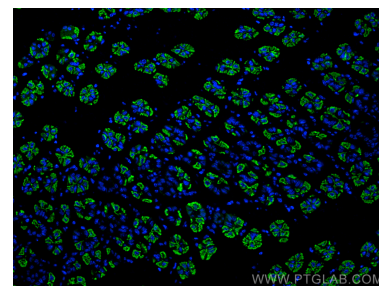
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 18692-1-AP (ATP4B antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded stomach cancer slide using 18692-1-AP (ATP4B antibody) at dilution of 1:800 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse stomach tissue using ATP4B antibody (18692-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).