

For Research Use Only

# Ace2 Polyclonal antibody

Catalog Number: 32628-1-AP



## Basic Information

Catalog Number:

32628-1-AP

Concentration:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2834

GenBank Accession Number:

NM\_001130513.1

GeneID (NCBI):

70008

UNIPROT ID:

Q8R0I0-1

Full Name:

angiotensin I converting enzyme  
(peptidyl-dipeptidase A) 2

Calculated MW:

92 kDa

Observed MW:

110 kDa, 120 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:50-1:500

## Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

mouse, rat

**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 heart tissue, mouse small intestine tissue,  
rat small intestine tissue

IHC : mouse heart tissue,

## Background Information

ACE2 (Angiotensin-Converting Enzyme 2) is a key regulator of the renin-angiotensin system (RAS) and plays a crucial role in maintaining cardiovascular homeostasis. It is also the functional receptor for severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus responsible for COVID-19.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

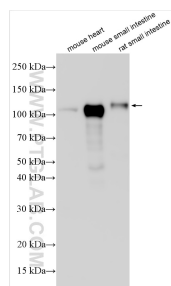
T: 4006900926

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

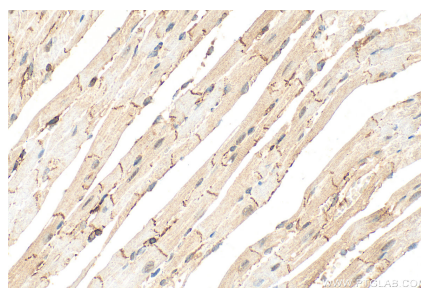
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32628-1-AP (Ace2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 32628-1-AP (Ace2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).