

For Research Use Only

Ace2 Polyclonal antibody

Catalog Number: 32628-1-AP



Basic Information

Catalog Number: 32628-1-AP	GenBank Accession Number: NM_001130513.1	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 500 ug/ml by Nanodrop;	GeneID (NCBI): 70008	Recommended Dilutions: WB: 1:1000-1:4000 IHC: 1:50-1:500
Source: Rabbit	UNIPROT ID: Q8R0I0-1	
Isotype: IgG	Full Name: angiotensin I converting enzyme (peptidyl-dipeptidase A) 2	
Immunogen Catalog Number: EG2834	Calculated MW: 92 kDa Observed MW: 110 kDa, 120 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: mouse, rat	WB : mouse heart tissue, mouse small intestine tissue, rat small intestine tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	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

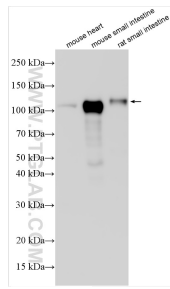
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

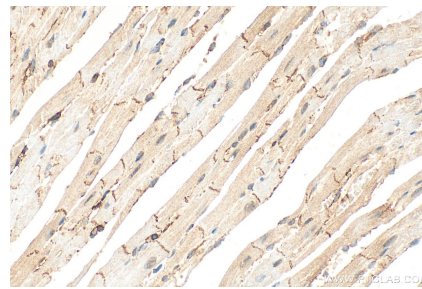
For technical support and original validation data for this product please contact:
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 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).