

For Research Use Only

ACE Recombinant antibody, PBS Only

Catalog Number:84407-4-PBS



Basic Information

Catalog Number: 84407-4-PBS	GenBank Accession Number: NM_000789.4	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 1636	CloneNo.: 241763E3
Source: Rabbit	UNIPROT ID: P12821-1	
Isotype: IgG	Full Name: angiotensin I converting enzyme (peptidyl-dipeptidase A) 1	
	Calculated MW: 150kDa	
	Observed MW: 170-180 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

ACE(Angiotensin-converting enzyme) is also named as DCP, DCP1 and belongs to the peptidase M2 family. It is involved in catalyzing the conversion of angiotensin I into a physiologically active peptide angiotensin II. ACE also has a glycosidase activity which releases GPI-anchored proteins from the membrane by cleaving the mannose linkage in the GPI moiety. It has 4 isoforms produced by alternative splicing. The full length protein has 15 glycosylation sites and it can show a molecular weight of 170 kDa(PMID:16804085).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

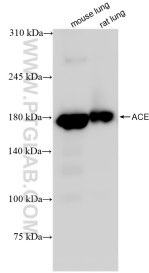
T: 4006900926

E: Proteintech-CN@ptglab.com

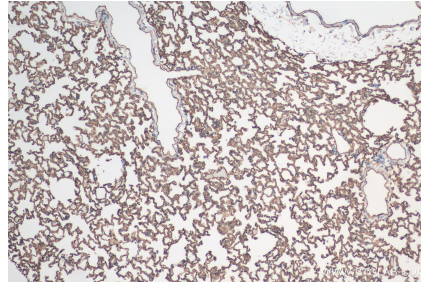
W: ptgcn.com

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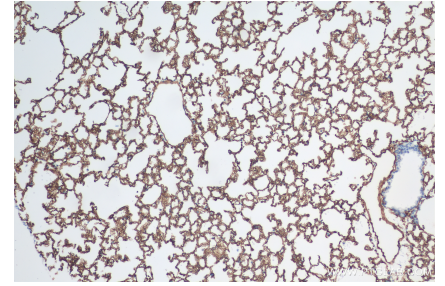
Selected Validation Data



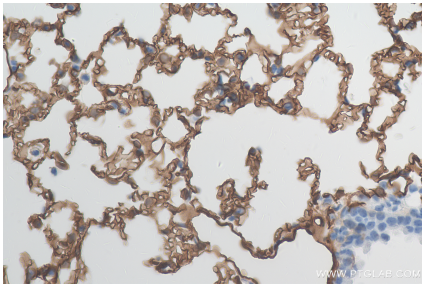
Various lysates were subjected to SDS PAGE followed by western blot with 84407-4-RR (ACE antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84407-4-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat lung tissue slide using 84407-4-RR (ACE antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84407-4-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 84407-4-RR (ACE antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84407-4-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 84407-4-RR (ACE antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84407-4-PBS in a different storage buffer formulation.