

For Research Use Only

# CPNE8 Polyclonal antibody

Catalog Number: 20097-1-AP

1 Publications



## Basic Information

Catalog Number:

20097-1-AP

Size:

150ul, Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_153634

GeneID (NCBI):

144402

UNIPROT ID:

Q86YQ8

Full Name:

copine VIII

Calculated MW:

63 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:20-1:200

## Applications

Tested Applications:

IHC, ELISA

Cited Applications:

IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, 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:

IHC : human lung tissue, human kidney tissue

## Background Information

Copines are a family of evolutionarily conserved calcium-dependent phospholipid-binding proteins (PMID: 9430674). They contain two Ca(2+)- and phospholipid-binding domains known as C2 domains. Copines are potentially involved in regulating membrane trafficking and in protein-protein interactions. CPNE8 belongs to the copine family. The antibody has no cross reaction with CPNE5.

## Notable Publications

Author	Pubmed ID	Journal	Application
Peiling Zhang	35982908	Int J Biol Sci	IHC

## 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

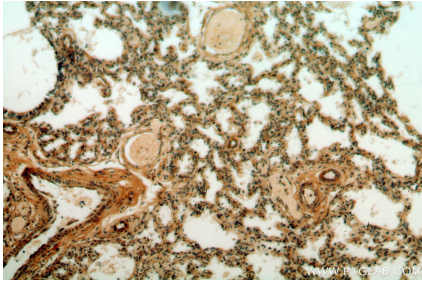
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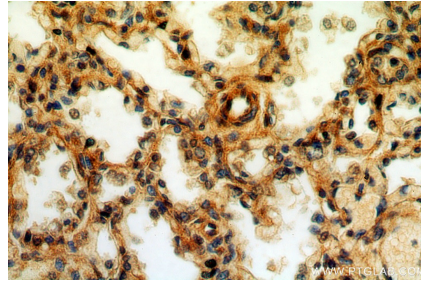
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human lung using 20097-1-AP (CPNE8 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human lung using 20097-1-AP (CPNE8 antibody) at dilution of 1:50 (under 40x lens).