For Research Use Only

CPNE8 Polyclonal antibody

Catalog Number:20097-1-AP 1 Publications

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Basic Information

Catalog Number:
20097-1-AP

Size:
1000 μg/ml

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

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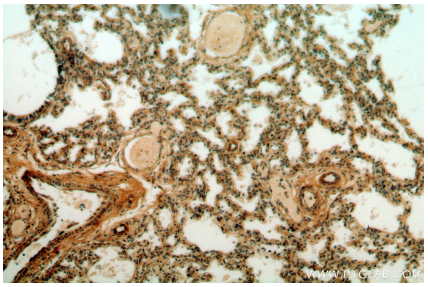
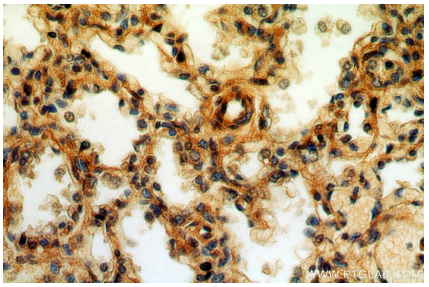
Selected Validation Data



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).