

For Research Use Only

CPNE8 Polyclonal antibody

Catalog Number: 20097-1-AP **1 Publications**



Basic Information

Catalog Number: 20097-1-AP	GenBank Accession Number: NM_153634	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 144402	Recommended Dilutions: IHC 1:20-1:200
Source: Rabbit	Full Name: copine VIII	
Isotype: IgG	Calculated MW: 63 kDa	

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human lung tissue, human kidney tissue
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	

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

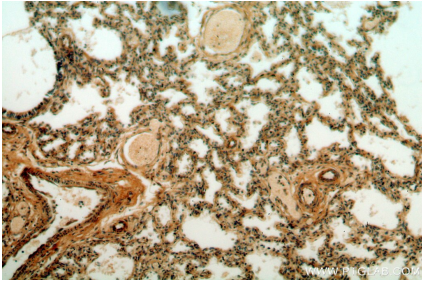
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

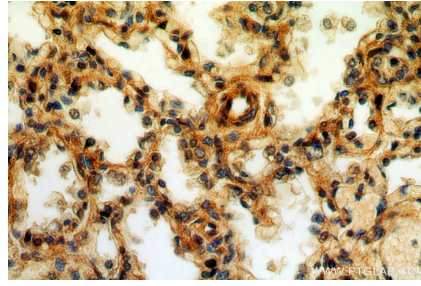
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



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).