

For Research Use Only

CRTAC1 Polyclonal antibody

Catalog Number: 13001-1-AP **2 Publications**



Basic Information

Catalog Number: 13001-1-AP	GenBank Accession Number: BC034245	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 180 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 55118	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: cartilage acidic protein 1	
Isotype: IgG	Calculated MW: 661 aa, 71 kDa	
Immunogen Catalog Number: AG3673	Observed MW: 68-72 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: IF, WB	WB: human brain tissue,
Species Specificity: human, mouse, rat	IHC: mouse lung tissue, mouse brain tissue, rat lung tissue
Cited Species: human	
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

Notable Publications

Author	Pubmed ID	Journal	Application
Vanessa-Vivien Pesold	36341722	Am J Rhinol Allergy	WB
Jose Verdezoto Mosquera	37950869	Cell Rep	IF

Storage

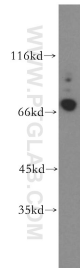
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

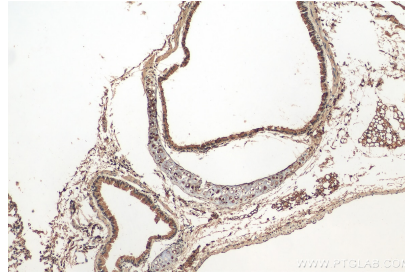
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

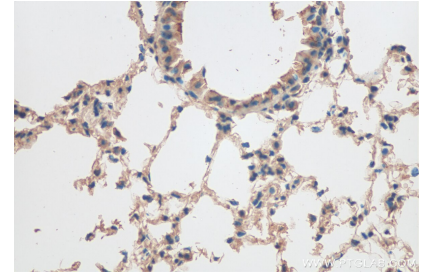
Selected Validation Data



human brain tissue were subjected to SDS PAGE followed by western blot with 13001-1-AP (CRTAC1 antibody) at dilution of 1:200 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 13001-1-AP (CRTAC1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse lung tissue slide using 13001-1-AP (CRTAC1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).