

For Research Use Only

# CRTAC1 Polyclonal antibody

Catalog Number:13001-1-AP

3 Publications



## Basic Information

<b>Catalog Number:</b> 13001-1-AP	<b>GenBank Accession Number:</b> BC034245	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 600 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 55118	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9NQ79	
<b>Isotype:</b> IgG	<b>Full Name:</b> cartilage acidic protein 1	
<b>Immunogen Catalog Number:</b> AG3673	<b>Calculated MW:</b> 661 aa, 71 kDa	
	<b>Observed MW:</b> 68-72 kDa	

## Applications

**Tested Applications:**  
WB, IHC, ELISA

**Cited Applications:**  
WB, IF, IHC

**Species Specificity:**  
human, mouse, rat

**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**

**Positive Controls:**

**WB :** human brain tissue,

**IHC :** mouse lung tissue, mouse brain tissue, rat lung tissue

## Notable Publications

Author	Pubmed ID	Journal	Application
Vanessa-Vivien Pesold	36341722	Am J Rhinol Allergy	WB
Lin Tan	38755183	Sci Rep	WB,IHC
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

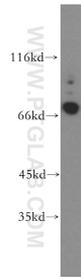
For technical support and original validation data for this product please contact:

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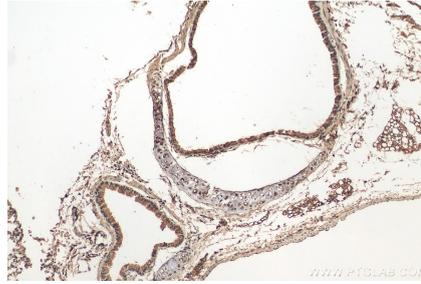
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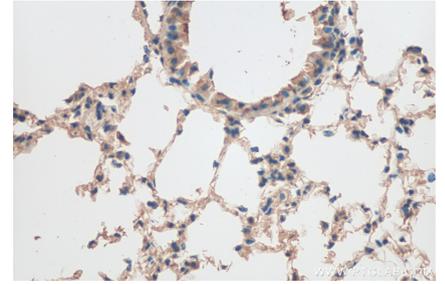
## Selected Validation Data



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).