

For Research Use Only

# CCDC104 Polyclonal antibody

Catalog Number: 24276-1-AP



## Basic Information

<b>Catalog Number:</b> 24276-1-AP	<b>GenBank Accession Number:</b> BC010011	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Nanodrop and 540 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 112942	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q96G28	<b>IHC 1:20-1:200</b>
<b>Isotype:</b> IgG	<b>Full Name:</b> coiled-coil domain containing 104	<b>IF/ICC 1:10-1:100</b>
<b>Immunogen Catalog Number:</b> AG17996	<b>Calculated MW:</b> 342 aa, 39 kDa	
	<b>Observed MW:</b> 42 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, mouse	<b>WB :</b> mouse lung tissue, HEK-293 cells
<b>Note-IHC:</b> suggested antigen retrieval with <b>TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	<b>IHC :</b> human testis tissue,
	<b>IF/ICC :</b> A431 cells,

## Background Information

The CCDC104(Coiled-coil domain-containing protein 104) protein, whose function is unknown, is expressed in various human tissues, including the brain, and is localized mainly to the nucleus, but is also found in the cytoplasm(PMID:19680650). It may act as an effector for ARL3. This protein has 2 isoforms produced by alternative splicing.

## Storage

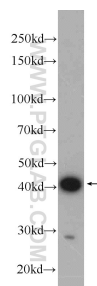
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

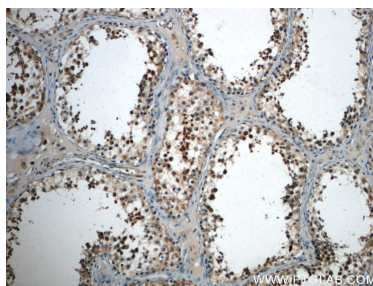
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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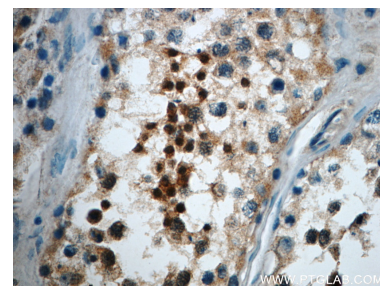
## Selected Validation Data



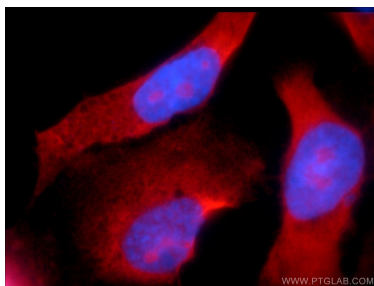
mouse lung tissues were subjected to SDS PAGE followed by western blot with 24276-1-AP (CCDC104 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis slide using 24276-1-AP (CCDC104 Antibody) at dilution of 1:50.



Immunohistochemical analysis of paraffin-embedded human testis slide using 24276-1-AP (CCDC104 Antibody) at dilution of 1:50.



Immunofluorescent analysis of A431 cells using 24276-1-AP (CCDC104 antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.