

For Research Use Only

# CCDC55 Polyclonal antibody

Catalog Number: 21360-1-AP

Featured Product

1 Publications



## Basic Information

<b>Catalog Number:</b> 21360-1-AP	<b>GenBank Accession Number:</b> BC040118	<b>Purification Method:</b> Antigen Affinity purified
<b>Size:</b> 150ul, Concentration: 850 ug/ml by Nanodrop and 400 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 84081	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9H0G5	
<b>Isotype:</b> IgG	<b>Full Name:</b> coiled-coil domain containing 55	
<b>Immunogen Catalog Number:</b> AG15811	<b>Calculated MW:</b> 558 aa, 66 kDa	
	<b>Observed MW:</b> 66 kDa 70 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b> WB : COLO 320 cells, IHC : human brain tissue,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> pig	

**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

CCDC55, also named as NSRP1 and NSRP70, is a conserved coiled-coil domain containing protein. It is a novel regulator of cell migration. This antibody detects 66 kDa (native form) and 70 kDa (phospho form).

## Notable Publications

Author	Pubmed ID	Journal	Application
Lei Liu	38474122	Int J Mol Sci	WB

## 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

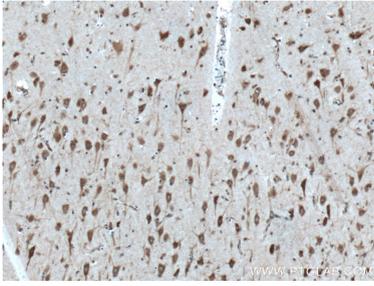
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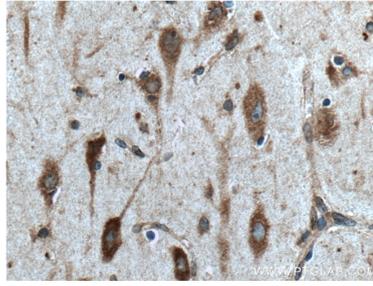
E: proteintech@ptglab.com  
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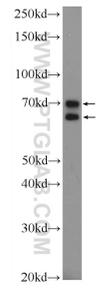
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 21360-1-AP (CCDC55 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 human brain tissue slide using 21360-1-AP (CCDC55 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



COLO 320 cells were subjected to SDS PAGE followed by western blot with 21360-1-AP (CCDC55 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.