

For Research Use Only

# CCDC55 Polyclonal antibody

Catalog Number: 21360-1-AP

Featured Product

1 Publications



## Basic Information

### Catalog Number:

21360-1-AP

### Size:

150ul, Concentration: 850 ug/ml by Nanodrop and 400 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG15811

### GenBank Accession Number:

BC040118

### GeneID (NCBI):

84081

### UNIPROT ID:

Q9H0G5

### Full Name:

coiled-coil domain containing 55

### Calculated MW:

558 aa, 66 kDa

### Observed MW:

66 kDa 70 kDa

### Purification Method:

Antigen Affinity purified

### Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB

### Species Specificity:

human

### Cited Species:

pig

### Positive Controls:

WB : COLO 320 cells,

IHC : human brain tissue,

**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

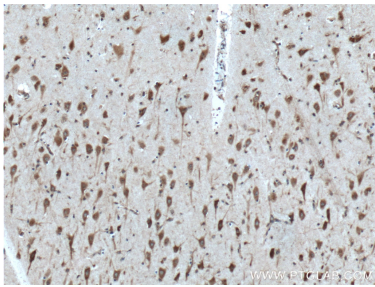
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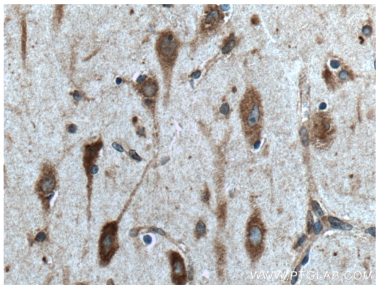
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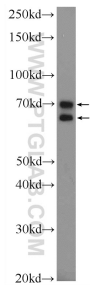
Selected Validation Data



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.