

For Research Use Only

# CCDC94 Polyclonal antibody

Catalog Number: 19431-1-AP

Featured Product



## Basic Information

### Catalog Number:

19431-1-AP

### Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 140 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG13764

### GenBank Accession Number:

BC000561

### GeneID (NCBI):

55702

### UNIPROT ID:

Q9BW85

### Full Name:

coiled-coil domain containing 94

### Calculated MW:

323 aa, 37 kDa

### Observed MW:

37 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, ELISA

### Species Specificity:

human, mouse, rat

**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 : mouse brain tissue, HeLa cells

IHC : human placenta tissue,

## Background Information

CCDC94, also known as YJU2, is a splicing factor, predicted to be involved in RNA splicing and negative regulation of DNA damage response, signal transduction by p53 class mediator. Part of U2-type catalytic step 1 spliceosome. And that it is required for pre-mRNA splicing both in vivo and in vitro. Yju2 acts in concert with an unidentified heat-resistant factor(s) in an ATP-independent manner to promote the first catalytic reaction of pre-mRNA splicing after Prp2-mediated structural rearrangement of the spliceosome. (PMID: 17515604)

## 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

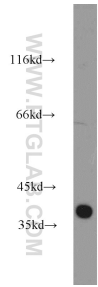
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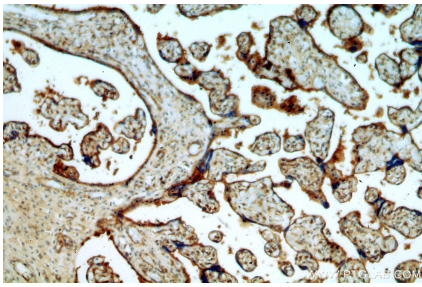
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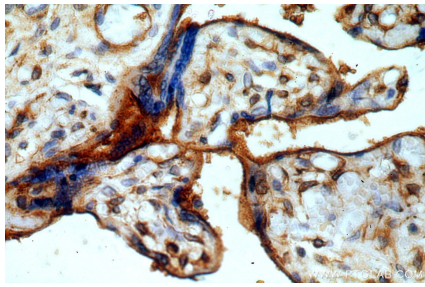
Selected Validation Data



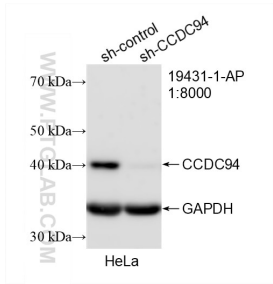
mouse brain tissue were subjected to SDS PAGE followed by western blot with 19431-1-AP (CCDC94 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta using 19431-1-AP (CCDC94 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human placenta using 19431-1-AP (CCDC94 antibody) at dilution of 1:50 (under 40x lens).



WB result of CCDC94 antibody (19431-1-AP; 1:8000; incubated at room temperature for 1.5 hours) with sh-Control and sh-CCDC94 transfected HeLa cells.