

For Research Use Only

# CWC15 Polyclonal antibody

Catalog Number: 25293-1-AP

1 Publications



## Basic Information

### Catalog Number:

25293-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG18116

### GenBank Accession Number:

BC040946

### GeneID (NCBI):

51503

### UNIPROT ID:

Q9P013

### Full Name:

CWC15 spliceosome-associated protein homolog (S. cerevisiae)

### Calculated MW:

229 aa, 27 kDa

### Observed MW:

27-35 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse

**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 liver tissue, HeLa cells, HepG2 cells, Jurkat cells, mouse heart tissue, mouse testis tissue, PC-3 cells, SW 1990 cells

**IP**: HeLa cells,

**IHC**: human stomach tissue, human breast cancer tissue

**IF/ICC**: HeLa cells,

## Background Information

CWC15, also named as C11orf5 or Spliceosome-associated protein CWC15 homolog, is a 229 amino acid protein, which belongs to the CWC15 family. CWC15 as a Component of the PRP19-CDC5L complex that forms an integral part of the spliceosome and is required for activating pre-mRNA splicing.

## Notable Publications

Author	Pubmed ID	Journal	Application
Febe van Maldegem	26130721	Nucleic Acids Res	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

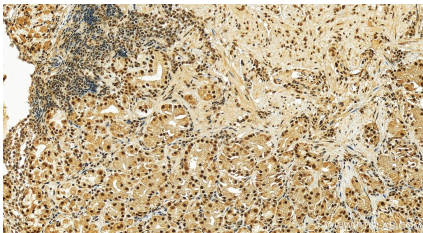
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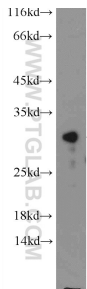
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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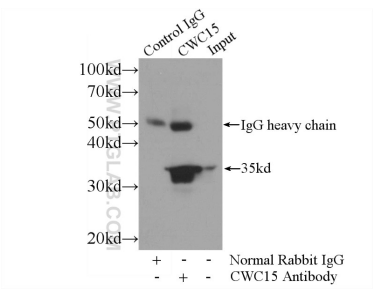
Selected Validation Data



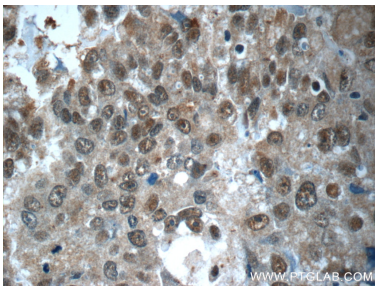
Immunohistochemical analysis of paraffin-embedded human normal stomach slide using 25293-1-AP (CWC15 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



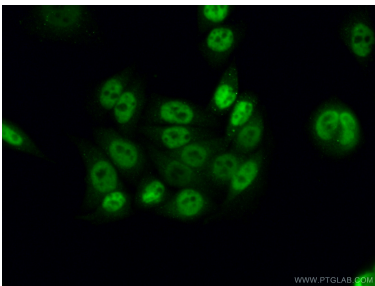
mouse liver tissue were subjected to SDS PAGE followed by western blot with 25293-1-AP (CWC15 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-CWC15 (IP:25293-1-AP, 3ug; Detection:25293-1-AP 1:600) with HeLa cells lysate 2800ug.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 25293-1-AP (CWC15 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 25293-1-AP (CWC15 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).