

For Research Use Only

# CWC15 Polyclonal antibody

Catalog Number: 25293-1-AP **1 Publications**



## Basic Information

**Catalog Number:**

25293-1-AP

**Size:**

600 µg/ml

**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 µg for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

IF 1:50-1:500

## Applications

**Tested Applications:**

IF/ICC, IHC, IP, WB, 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:** 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

For technical support and original validation data for this product please contact:

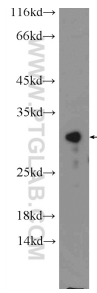
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

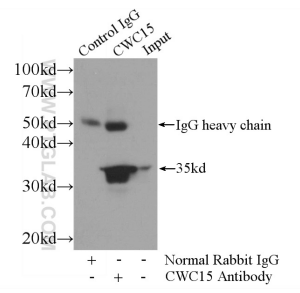
W: [ptgcn.com](http://ptgcn.com)

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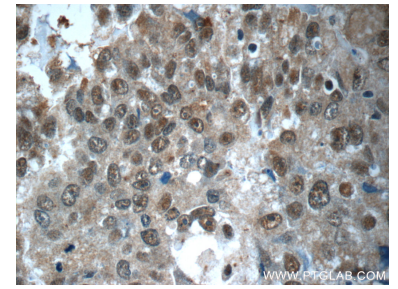
## Selected Validation Data



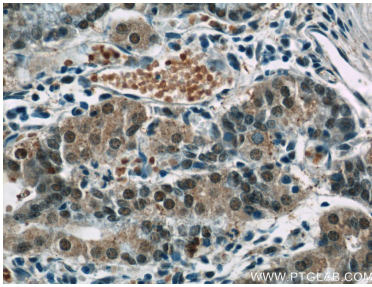
mouse liver tissue were subjected to SDS PAGE followed by western blot with 25293-1-AP (CWC15 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



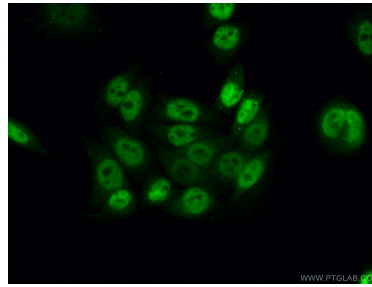
IP result of anti-CWC15 (IP:25293-1-AP, 3ug; Detection:25293-1-AP 1:600) with HeLa cells lysate 2800ug.



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



Immunohistochemical analysis of paraffin-embedded human stomach 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).