

For Research Use Only

# CENPJ Polyclonal antibody

Catalog Number: 11517-1-AP

Featured Product

35 Publications



## Basic Information

### Catalog Number:

11517-1-AP

### Size:

150ul, Concentration: 650 µg/ml by Nanodrop and 447 µg/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2078

### GenBank Accession Number:

BC024209

### GeneID (NCBI):

55835

### Full Name:

centromere protein J

### Calculated MW:

1338 aa, 153 kDa

### Observed MW:

153 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IF 1:10-1:100

## Applications

### Tested Applications:

IF, WB, ELISA

### Cited Applications:

IF, WB, WB IHC

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse, rat, zebrafish

### Positive Controls:

WB: mouse testis tissue,

IF: HepG2 cells,

## Background Information

CENPJ, also named as CPAP, LAP and LIP1, belongs to the TCP10 family. It plays an important role in cell division and centrosome function by participating in centriole duplication. CENPJ inhibits microtubule nucleation from the centrosome.

## Notable Publications

Author	Pubmed ID	Journal	Application
Søs Grønbaek Holdgaard	31519908	Nat Commun	IF
Franz Meitinger	32908304	Nature	IF
Daniel Van de Mark	26337392	Mol Biol Cell	IF

## 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

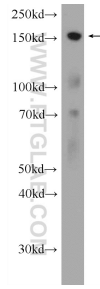
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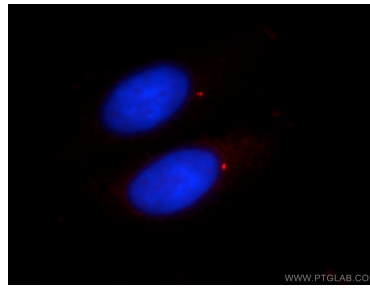
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## Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 11517-1-AP (CENPJ Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells using 11517-1-AP (CENPJ antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.