

For Research Use Only

# CNTLN Polyclonal antibody

Catalog Number: 31698-1-AP



## Basic Information

Catalog Number:

31698-1-AP

Concentration:

350 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG36354

GenBank Accession Number:

GeneID (NCBI):

54875

UNIPROT ID:

Q9NXG0

Full Name:

centlein, centrosomal protein

Calculated MW:

162kDa

Observed MW:

162 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:500-1:1000

IHC: 1:50-1:500

IF/ICC: 1:50-1:500

## Applications

Tested Applications:

WB, IHC, IF/ICC, ELISA

Species Specificity:

human

**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 : HeLa cells,

IHC : human liver tissue,

IF/ICC : HeLa cells,

## Background Information

CNTLN is also named C9orf101 and C9orf39. CNTLN is required for centrosome cohesion and recruitment of CEP68 to centrosomes. CNTLN is localized at the centrosome. The calculated molecular weight of CNTLN is 162 kDa.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

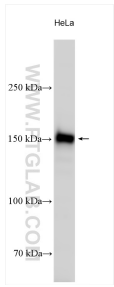
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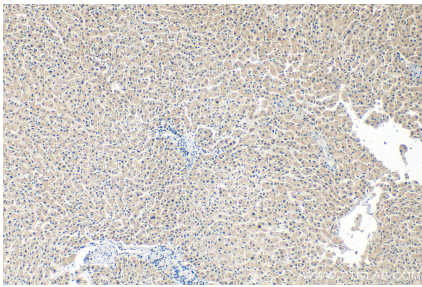
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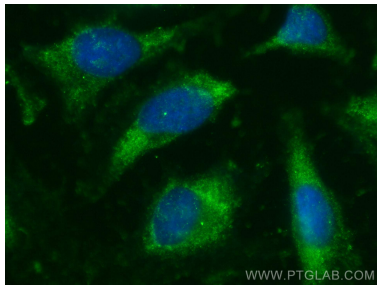
## Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 31698-1-AP (CNTLN antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 31698-1-AP (CNTLN antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CNTLN antibody (31698-1-AP) at dilution of 1:200 and Multi-rAb CoraLite ® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-Phalloidin (red).