

For Research Use Only

# CEP128 Polyclonal antibody

Catalog Number: 24810-1-AP



## Basic Information

Catalog Number:

24810-1-AP

Size:

150ul, Concentration: 700 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20610

GenBank Accession Number:

BC045834

GeneID (NCBI):

145508

UNIPROT ID:

Q6ZU80

Full Name:

chromosome 14 open reading frame 145

Calculated MW:

1094 aa, 128 kDa

Observed MW:

128 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IF/ICC 1:200-1:800

## Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : HEK-293T cells,

IF/ICC : HeLa cells, U2OS cells

## Background Information

Centrosomal protein of 128kDa is encoded by CEP128 gene in humans. CEP128 localizes to the subdistal appendages of the mother centriole and regulates TGF- $\beta$ /BMP signaling at the primary cilium (PMID: 29514088). Centrosomal protein CEP128 plays a role in male fertility and its variants affected the ciliogenesis in testes (PMID: 35296684).

## 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

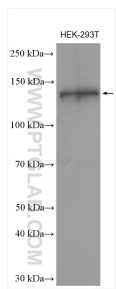
For technical support and original validation data for this product please contact:

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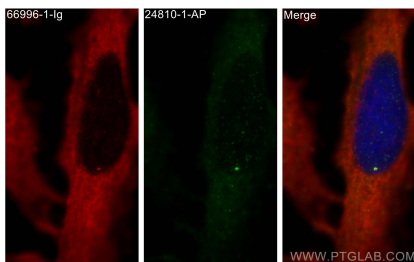
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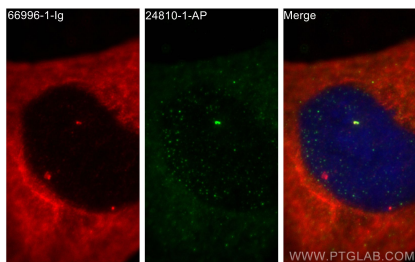
## Selected Validation Data



HEK-293T cells were subjected to SDS PAGE followed by western blot with 24810-1-AP (CEP128 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CEP128 antibody (24810-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L), CEP63 antibody (66996-1-Ig, Clone: 2G12B2, red).



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CEP128 antibody (24810-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L), CEP63 antibody (66996-1-Ig, Clone: 2G12B2, red).