

For Research Use Only

CEP128 Polyclonal antibody

Catalog Number: 24810-1-AP



Basic Information

Catalog Number: 24810-1-AP	GenBank Accession Number: BC045834	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 700 µg/ml by Nanodrop;	GeneID (NCBI): 145508	Recommended Dilutions: WB 1:1000-1:4000 IF 1:200-1:800
Source: Rabbit	Full Name: chromosome 14 open reading frame 145	
Isotype: IgG	Calculated MW: 1094 aa, 128 kDa	
Immunogen Catalog Number: AG20610	Observed MW: 128 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls: WB : HEK-293T cells, IF : HeLa cells, U2OS cells
Species Specificity: human	

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-β/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

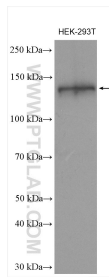
For technical support and original validation data for this product please contact:

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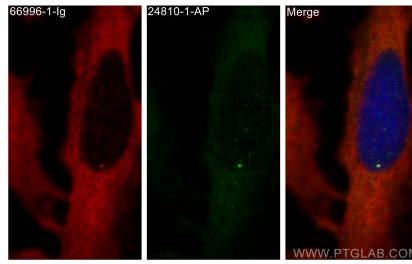
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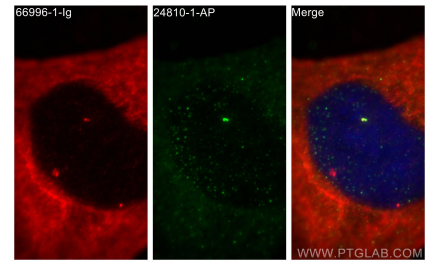
Selected Validation Data



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 AffiniPure 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 AffiniPure Goat Anti-Rabbit IgG(H+L), CEP63 antibody (66996-1-Ig, Clone: 2G12B2, red).