

For Research Use Only

CEP120 Polyclonal antibody

Catalog Number: 24067-1-AP



Basic Information

Catalog Number: 24067-1-AP	GenBank Accession Number: BC040527	Purification Method: Antigen affinity purification
Size: 600 ug/ml	GeneID (NCBI): 153241	Recommended Dilutions: WB 1:1000-1:6000
Source: Rabbit	UNIPROT ID: Q8N960	IHC 1:50-1:500
Isotype: IgG	Full Name: centrosomal protein 120kDa	IF/ICC 1:50-1:500
Immunogen Catalog Number: AG21165	Calculated MW: 986 aa, 113 kDa	
	Observed MW: 120-130 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : Jurkat cells, mouse lung tissue
Species Specificity: human, mouse	IHC : human pancreas tissue,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IF/ICC : HeLa cells,

Background Information

CEP120 encodes a protein that functions in the microtubule-dependent coupling of the nucleus and the centrosome. It is involved in regulating centrosome-mediated interkinetic nuclear migration of neural progenitors (PMID: 27185865, 23857771). CEP120, SPICE1, and CPAP are required for centriole elongation and for the recruitment of distal microtubule-capping proteins and CEP135 to procentrioles (PMID: 23810536). Cep120 and Taccs are required for the neural progenitor pool during mouse neocortical development (PMID: 17920017).

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:

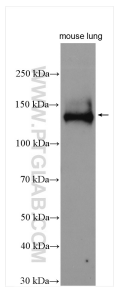
T: 4006900926

E: Proteintech-CN@ptglab.com

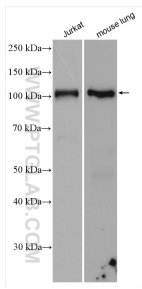
W: ptgcn.com

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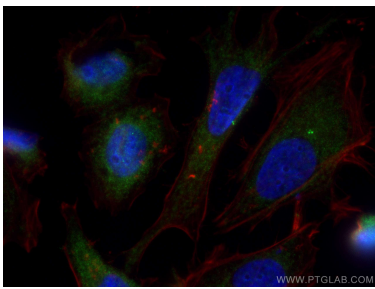
Selected Validation Data



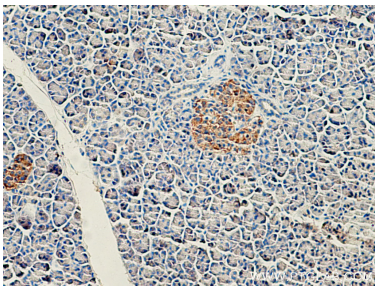
mouse lung tissue were subjected to SDS PAGE followed by western blot with 24067-1-AP (CEP120 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



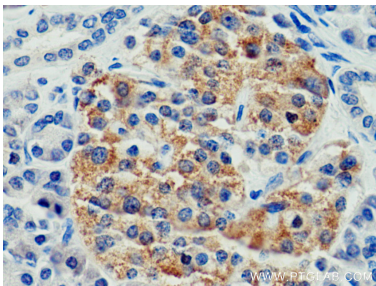
Various lysates were subjected to SDS PAGE followed by western blot with 24067-1-AP (CEP120 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



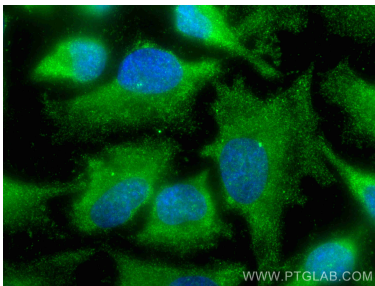
Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CEP120 antibody (24067-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CoraLite®594 Beta Actin antibody (CL594-66009, Clone: 2D4H5, red).



Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 24067-1-AP (CEP120 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 24067-1-AP (CEP120 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using CEP120 antibody (24067-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).