

For Research Use Only

CKAP2L Recombinant antibody

Catalog Number: 86247-1-RR



Basic Information

Catalog Number:	86247-1-RR	GenBank Accession Number:	BC036217	Purification Method:	Protein A purification
Size:	100ul, Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI):	150468	CloneNo.:	250860G10
Source:	Rabbit	UNIPROT ID:	Q8IYA6	Recommended Dilutions:	WB: 1:1000-1:4000 IP: 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate IF/ICC: 1:400-1:1600
Isotype:	IgG	Full Name:	cytoskeleton associated protein 2-like		
Immunogen Catalog Number:	AG10909	Calculated MW:	745 aa, 84 kDa		
		Observed MW:	84 kDa		

Applications

Tested Applications:	WB, IF/ICC, IP, ELISA	Positive Controls:	WB : K-562 cells, HepG2 cells, Jurkat cells, Raji cells
Species Specificity:	human	IP :	Jurkat cells,

Background Information

CKAP2L is a microtubule-binding protein that is crucial for the formation of the mitotic spindle and the cell cycle progression of neural progenitor cells. Mutations in CKAP2L have been associated with spindle organization defects, including mitotic spindle defects, lagging chromosomes, and chromatin bridges. There is evidence that mutations in this gene are associated with Filippi syndrome, characterized by growth defects, microcephaly, intellectual disability, facial feature defects, and syndactyly (PMID: 25439729).

Storage

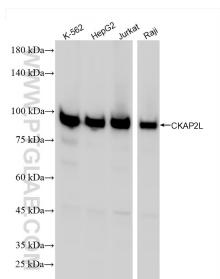
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

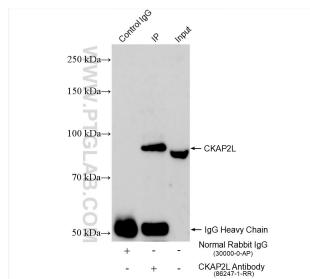
For technical support and original validation data for this product please contact:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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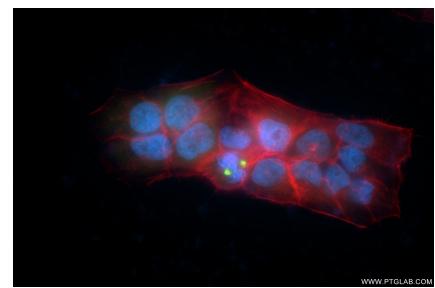
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86247-1-RR (CKAP2L antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP result of anti-CKAP2L (IP:86247-1-RR, 4ug; Detection:86247-1-RR 1:1000) with Jurkat cells lysate 1360 ug.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CKAP2L antibody (86247-1-RR, Clone: 250860G10) at dilution of 1:800 and Coralite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).