

For Research Use Only

CKAP2L Recombinant antibody, PBS Only

Catalog Number: 86247-1-PBS



Basic Information

Catalog Number: 86247-1-PBS	GenBank Accession Number: BC036217	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 150468	CloneNo.: 250860G10
Source: Rabbit	UNIPROT ID: Q8IYA6	
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, Indirect ELISA

Species Specificity:
human

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

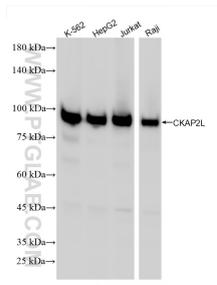
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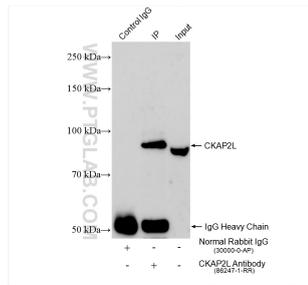
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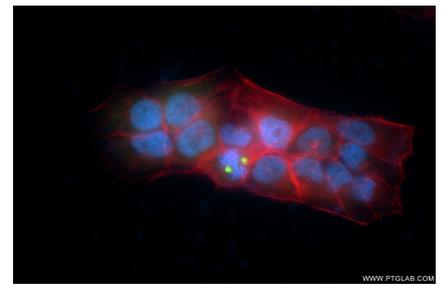
Selected Validation Data



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. This data was developed using the same antibody clone with 86247-1-PBS in a different storage buffer formulation.



IP result of anti-CKAP2L (IP:86247-1-RR, 4ug; Detection:86247-1-RR 1:1000) with Jurkat cells lysate 1360 ug. This data was developed using the same antibody clone with 86247-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 86247-1-PBS in a different storage buffer formulation.