

For Research Use Only

CP110 Recombinant antibody

Catalog Number:80965-6-RR



Basic Information

Catalog Number: 80965-6-RR	GenBank Accession Number: BC036654	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 9738	CloneNo.: 242016B2
Source: Rabbit	UNIPROT ID: O43303	Recommended Dilutions: WB 1:500-1:2000
Isotype: IgG	Full Name: CP110 protein	
Immunogen Catalog Number: AG3489	Calculated MW: 991 aa, 111 kDa	
	Observed MW: 113 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human

Positive Controls:

WB : HEK-293T cells, Jurkat cells, MOLT-4 cells, HCT 116 cells, HeLa cells, K-562 cells, U2OS cells

Background Information

CP110, also named as CCP110 and KIAA0419, is an 110kDa protein. This gene is different to the gene CEP110 (geneID:11064; CNTRL). CP110 is a centriolar protein that positively regulates centriole duplication while restricting centriole elongation and ciliogenesis. And it acts as a key negative regulator of ciliogenesis in collaboration with CEP97 by capping the mother centriole thereby preventing cilia formation.

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

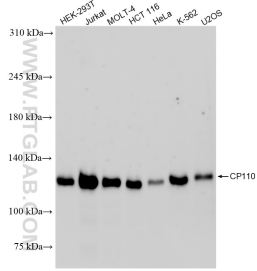
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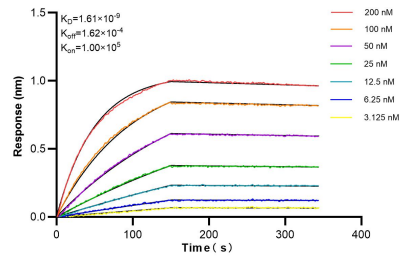
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 80965-6-RR (CP110 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 80965-6-RR against Human CP110 were performed. The affinity constant is 1.61 nM.