

For Research Use Only

CP110 Recombinant antibody, PBS Only

Catalog Number:80965-6-PBS



Basic Information

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| Catalog Number: 80965-6-PBS | GenBank Accession Number: BC036654 | Purification Method: Protein A purification |
| Size: 1 mg/ml | GeneID (NCBI): 9738 | CloneNo.: 242016B2 |
| Source: Rabbit | UNIPROT ID: O43303 | |
| Isotype: IgG | Full Name: CP110 protein | |
| Immunogen Catalog Number: AG3489 | Calculated MW: 991 aa, 111 kDa | |
| | Observed MW: 113 kDa | |

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

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

Storage Buffer:
PBS Only

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

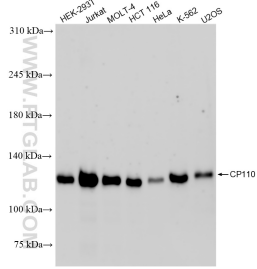
T: 4006900926

E: Proteintech-CN@ptglab.com

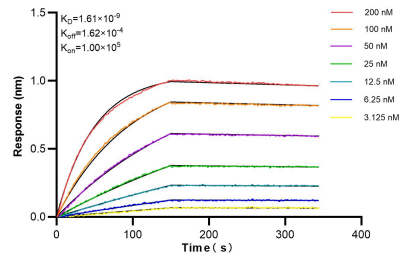
W: ptgcn.com

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Selected Validation Data



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. This data was developed using the same antibody clone with 80965-6-PBS in a different storage buffer formulation.



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