

For Research Use Only

CP110 Monoclonal antibody

Catalog Number: 66448-1-Ig **2 Publications**



Basic Information

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|--|--|---|
| Catalog Number: 66448-1-Ig | GenBank Accession Number: BC036654 | Purification Method: Protein A purification |
| Size: 1500 µg/ml | GeneID (NCBI): 9738 | CloneNo.: 1A3C12 |
| Source: Mouse | UNIPROT ID: O43303 | Recommended Dilutions: WB 1:1000-1:4000 |
| Isotype: IgG2a | Full Name: CP110 protein | |
| Immunogen Catalog Number: AG3489 | Calculated MW: 991 aa, 111 kDa | |
| | Observed MW: 110 kDa | |

Applications

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|--|---|
| Tested Applications: WB, ELISA | Positive Controls: WB : HeLa cells, HEK-293 cells, K-562 cells, Jurkat cells, U2OS cells, HL-60 cells |
| Cited Applications: IF, IHC | |
| Species Specificity: human | |
| Cited Species: human, mouse | |

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.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|-----------------|-----------|---------------|-------------|
| Rachel E Turn | 34818063 | Mol Biol Cell | IHC |
| Skylar I Dewees | 35196065 | Mol Biol Cell | IF |

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:

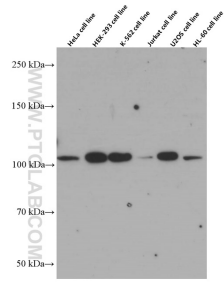
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66448-1-Ig (CP110 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.