

CP110 Monoclonal antibody

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

Basic Information

Catalog Number:

66448-1-Ig

Size:

1500 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG3489

GenBank Accession Number:

BC036654

GeneID (NCBI):

9738

UNIPROT ID:

O43303

Full Name:

CP110 protein

Calculated MW:

991 aa, 111 kDa

Observed MW:

110 kDa

Purification Method:

Protein A purification

CloneNo.:

1A3C12

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

IF, IHC

Species Specificity:

human

Cited Species:

human, mouse

Positive Controls:

WB : HeLa cells, HEK-293 cells, K-562 cells, Jurkat cells, U2OS cells, HL-60 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.

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:

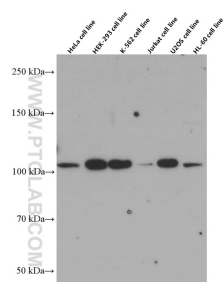
T: 4006900926

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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.