

Summary

Production Name	GCP4 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	TUBGCP4
Alternative Names	TUBGCP4; 76P; GCP4; Gamma-tubulin complex component 4; GCP-4; hGCP4; Gamma-ring complex protein 76 kDa; h76p; hGrip76
Gene ID	27229.0
SwissProt ID	Q9UGJ1.The antiserum was produced against synthesized peptide derived from human TUBGCP4. AA range:191-240

Application

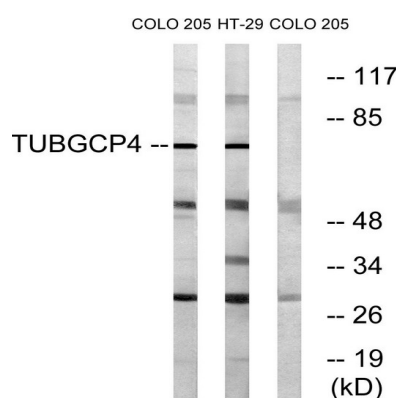
Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:10000
Molecular Weight	76kD

Background

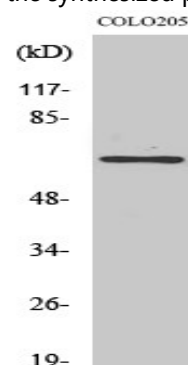
This gene encodes a component of the gamma-tubulin ring complex, which is required for microtubule nucleation. In mammalian cells, the protein localizes to centrosomes in association with gamma-tubulin. Crystal structure analysis revealed a structure composed of five helical bundles arranged around conserved hydrophobic cores. An exposed surface area located in the C-terminal domain is essential and sufficient for direct binding to gamma-tubulin. Mutations in this gene that alter microtubule organization are associated with microcephaly and chorioretinopathy. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2015],function:Gamma-tubulin complex is necessary for microtubule nucleation at the centrosome.,similarity:Belongs to the GCP family.,subunit:Gamma-tubulin complex is composed of gamma-tubulin, GCP2, GCP3, GCP4, GCP5 and GCP6.,tissue specificity:Ubiquitously expressed.,

Research Area

Image Data



Western blot analysis of lysates from COLO and HT-29 cells, using TUBGCP4 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using GCP4 Polyclonal Antibody

Product Name: GCP4 Rabbit Polyclonal Antibody
Catalog #: APRab11366



Note

For research use only.