
Product Name: GCP4 Rabbit Polyclonal Antibody**Catalog #: APRab11366**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
Molecular Weight	76kDa

Antigen Information

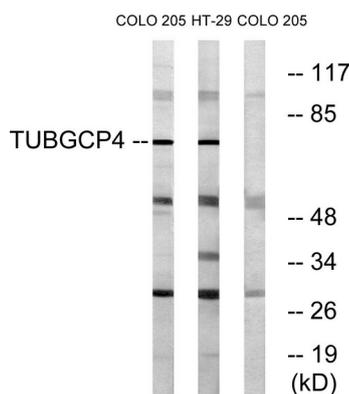
Gene Name	TUBGCP4
Alternative Names	TUBGCP4; 76P; GCP4; Gamma-tubulin complex component 4; GCP-4; hGCP4; Gamma-ring complex protein 76 kDa; h76p; hGrip76
Gene ID	27229.0
SwissProt ID	Q9UGJ1
Immunogen	The antiserum was produced against synthesized peptide derived from human TUBGCP4. AA range:191-240

Background

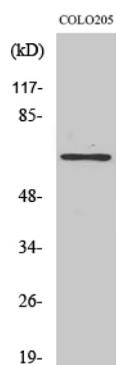
This gene encodes a component of the gamma-tubulin ring complex, which is required for microtubule nucleation. In mammalian cells, the protein localizes to centrosomes in association with gamma-tubulin. Crystal structure analysis revealed a structure composed of five helical bundles arranged around conserved 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