

Product datasheet for **TA370249**

GCP4 (TUBGCP4) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000 WB positive control: K562, HeLa, 231 and HT-29 cell lysates
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human TUBGCP4
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	76 kDa
Gene Name:	tubulin gamma complex associated protein 4
Database Link:	Entrez Gene 27229 Human Q9UGJ1

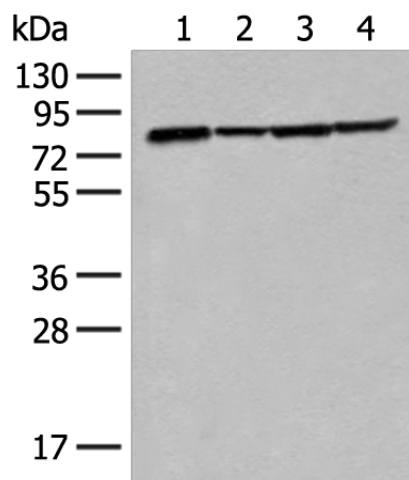
Background: This gene encodes a component of the gamma-tubulin ring complex, which is required for microtubule nucleation. In mammalian cells, the protein localizes to centrosomes in association with gamma-tubulin. Crystal structure analysis revealed a structure composed of five helical bundles arranged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

Synonyms: 76P; FLJ14797; GCP-4; GCP4; h76p; hGCP4; Hgrip76



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Product images:



Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane 1-4: K562
Hela
231 and HT-29 cell lysates
Primary antibody: TA370249 (TUBGCP4 Antibody)
at dilution 1/300
Secondary antibody: Goat anti rabbit IgG at
1/8000 dilution
Exposure time: 1 minute