

GCP4 Polyclonal Antibody

Catalog # AP70063

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q9UGJ1
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	76089

Additional Information

Gene ID	27229
Other Names	TUBGCP4; 76P; GCP4; Gamma-tubulin complex component 4; GCP-4; hGCP4; Gamma-ring complex protein 76 kDa; h76p; hGrip76
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

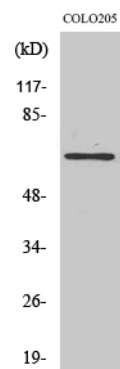
Protein Information

Name	TUBGCP4
Synonyms	76P, GCP4
Function	Component of the gamma-tubulin ring complex (gTuRC) which mediates microtubule nucleation (PubMed: 38305685 , PubMed: 38609661 , PubMed: 39321809). The gTuRC regulates the minus-end nucleation of alpha-beta tubulin heterodimers that grow into microtubule protofilaments, a critical step in centrosome duplication and spindle formation (PubMed: 38305685 , PubMed: 38609661 , PubMed: 39321809).
Cellular Location	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome
Tissue Location	Ubiquitously expressed.

Background

Gamma-tubulin complex is necessary for microtubule nucleation at the centrosome.

Images



Western Blot analysis of various cells using GCP4 Polyclonal Antibody

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