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GCP6 Polyclonal Antibody

Catalog # AP70065

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q96RT7
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	200498

Additional Information

Gene ID	85378
Other Names	TUBGCP6; GCP6; KIAA1669; Gamma-tubulin complex component 6; GCP-6
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications. IHC-P~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications. 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℃

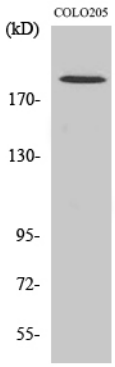
Protein Information

Name	TUBGCP6
Synonyms	GCP6, KIAA1669
Function	Component of the gamma-tubulin ring complex (gTuRC) which mediates microtubule nucleation (PubMed:11694571, PubMed:38305685, PubMed:38609661, PubMed:39321809). The gTuRC regulates the minus-end nucleation of alpha-beta tubulin heterodimers that grow into microtubule protafilaments, a critical step in centrosome duplication and spindle formation (PubMed:38305685, PubMed:38609661, PubMed:39321809).
Cellular Location	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome

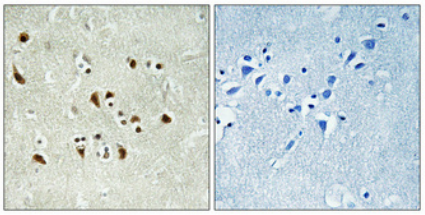
Background

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

Images



Western Blot analysis of various cells using GCP6 Polyclonal Antibody diluted at 1：1000



Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100(4°,overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.