

GCP3 Polyclonal Antibody
Catalog # AP70062**Specification**

GCP3 Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	Q96CW5
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal

GCP3 Polyclonal Antibody - Additional Information**Gene ID** 10426**Other Names**

TUBGCP3; GCP3; Gamma-tubulin complex component 3; GCP-3; hGCP3; Gamma-ring complex protein 104 kDa; h104p; hGrip104; Spindle pole body protein Spc98 homolog; hSpc98

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.

IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

GCP3 Polyclonal Antibody - Protein Information**Name** TUBGCP3**Synonyms** GCP3**Function**

Component of the gamma-tubulin ring complex (gTuRC) which mediates microtubule nucleation (PubMed:38305685, PubMed:38609661, PubMed:39321809, PubMed:9566967). 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

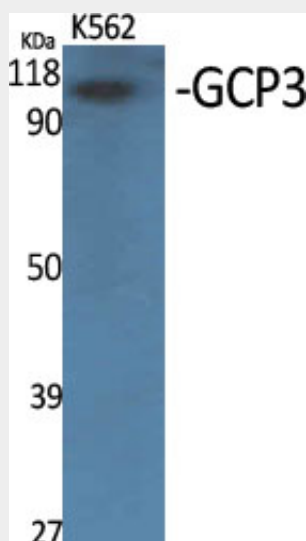
Tissue Location

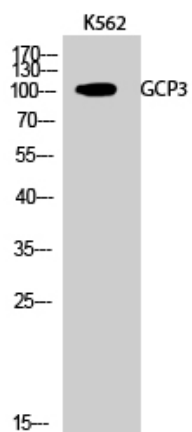
Ubiquitously expressed.

GCP3 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GCP3 Polyclonal Antibody - Images



GCP3 Polyclonal Antibody - Background

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