

## GCP5 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP03518
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human TUBGCP5. AA range:741-790
<b>Mol wt</b>	118321
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	GCP5 Antibody
<b>Synonyms</b>	TUBGCP5; GCP5; KIAA1899; Gamma-tubulin complex component 5; GCP-5

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

Gamma-tubulin complex component 5 is a protein that in humans is encoded by the TUBGCP5 gene. It is part of the gamma tubulin complex, which required for microtubule nucleation at the centrosome. Gamma-tubulin complex is necessary for microtubule nucleation at the centrosome. Among its related pathways are Cell Cycle, Mitotic and Regulation of PLK1 Activity at G2/M Transition. Gene Ontology (GO) annotations related to this gene include microtubule binding. An important paralog of this gene is TUBGCP6.

### Recommended Dilution

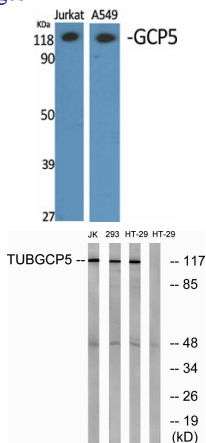
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

ELISA: 1: 20000

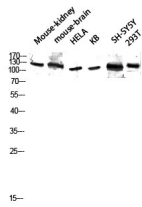
Not yet tested in other applications.

### Images

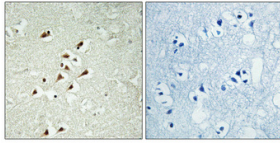


Western Blot analysis of various cells using GCP5 Polyclonal Antibody diluted at 1:2000

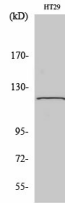
Western blot analysis of lysates from HT-29, Jurkat, and 293 cells, using TUBGCP5 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of Mouse-kidney mouse-brain HELA KB SH-SY5Y 293T lysis using GCP5 antibody. Antibody was diluted at 1:2000



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. Negative contrl (right) obtained from antibody was pre-absorbed by immunogen peptide.



Western Blot analysis of 293 cells using GCP5 Polyclonal Antibody diluted at 1:2000

### Storage

-20°C for one year

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