

## GCP5 Rabbit pAb

CatalogNo: YT1881

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse, Rat

#### Applications

- WB, IHC, IF, ELISA

#### MW

- 118kD (Observed)

#### Isotype

- IgG

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

**WB 1:500-1:2000**

**IHC 1:100-1:300**

**ELISA 1:20000**

**IF 1:50-200**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** The antiserum was produced against synthesized peptide derived from human TUBGCP5. AA range: 741-790

**Specificity** GCP5 Polyclonal Antibody detects endogenous levels of GCP5 protein.

### Target Information

**Gene name** TUBGCP5

**Protein Name** Gamma-tubulin complex component 5

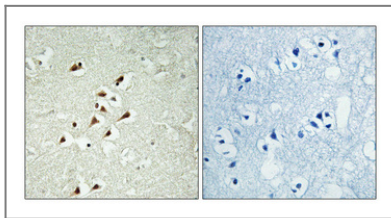
Organism	Gene ID	UniProt ID
Human	<a href="#">114791</a> ;	<a href="#">Q96RT8</a> ;
Mouse	<a href="#">233276</a> ;	<a href="#">Q8BKN5</a> ;

**Cellular Localization** Cytoplasm, cytoskeleton, microtubule organizing center, centrosome .

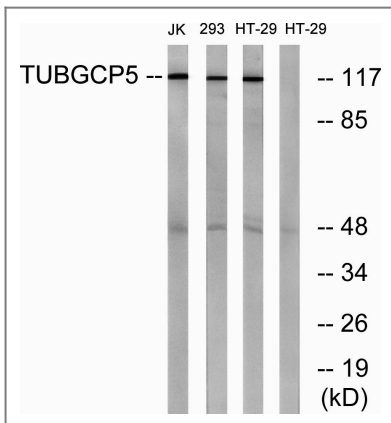
**Tissue specificity** Widely expressed, with highest levels in heart and skeletal muscle and moderate levels in brain.

**Function** Function:Gamma-tubulin complex is necessary for microtubule nucleation at the centrosome.,similarity:Belongs to the GCP family.,subunit:Gamma-tubulin complex is composed of gamma-tubulin, GCP2, GCP3, GCP4, GCP5 and GCP6.,tissue specificity:Widely expressed, with highest levels in heart and skeletal muscle and moderate levels in brain.,

## Validation Data



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



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.

## Contact information

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**GCP5 Rabbit pAb**

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