

## GCP5 Polyclonal Antibody

<b>Catalog No :</b>	YT1881
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	GCP5
<b>Gene Name :</b>	TUBGCP5
<b>Protein Name :</b>	Gamma-tubulin complex component 5
<b>Human Gene Id :</b>	114791
<b>Human Swiss Prot No :</b>	Q96RT8
<b>Mouse Gene Id :</b>	233276
<b>Mouse Swiss Prot No :</b>	Q8BKN5
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human TUBGCP5. AA range:741-790
<b>Specificity :</b>	GCP5 Polyclonal Antibody detects endogenous levels of GCP5 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:20000.. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 118kD

**Background :** 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.,

**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.,

**Subcellular Location :** Cytoplasm, cytoskeleton, microtubule organizing center, centrosome .

**Expression :** Widely expressed, with highest levels in heart and skeletal muscle and moderate levels in brain.

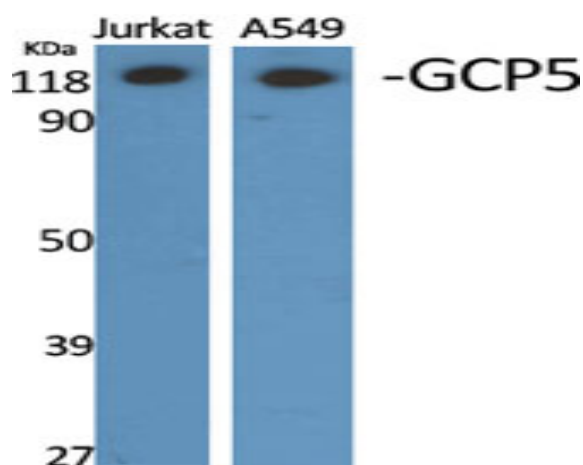
**Sort :** 6518

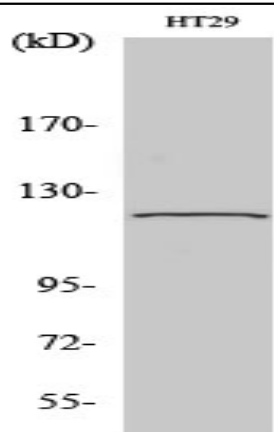
**No4 :** 1

**Host :** Rabbit

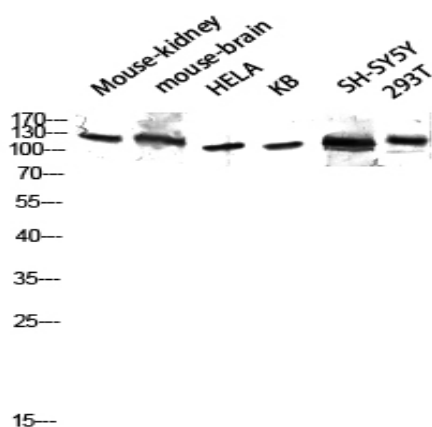
**Modifications :** Unmodified

## Products Images

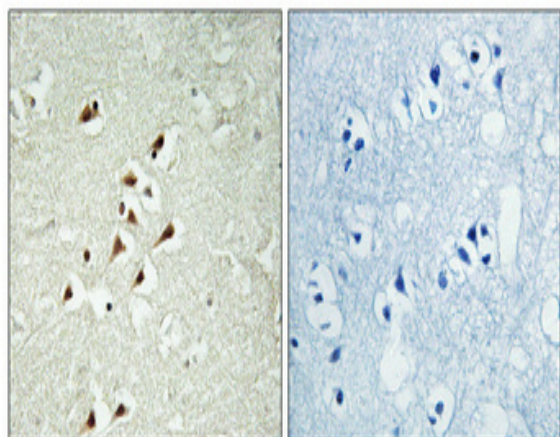




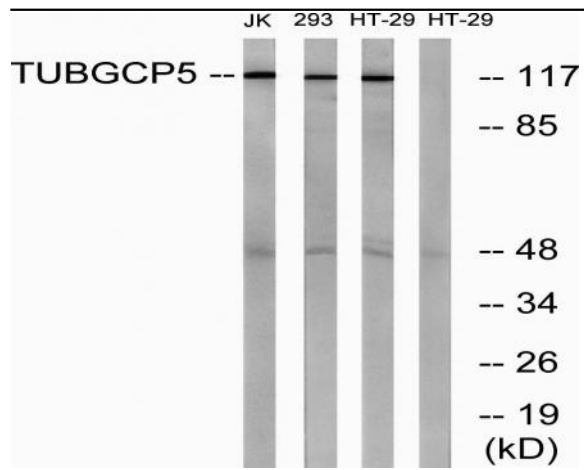
Western Blot analysis of 293 cells using GCP5 Polyclonal Antibody diluted at 1:2000



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