

GCP5 rabbit pAb**Cat#: orb765287 (Manual)**

For research use only. Not intended for diagnostic use.

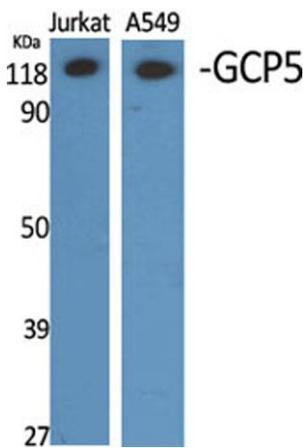
Product Name	GCP5 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human TUBGCP5. AA range:741-790
Specificity	GCP5 Polyclonal Antibody detects endogenous levels of GCP5 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Gamma-tubulin complex component 5
Gene Name	TUBGCP5
Cellular localization	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

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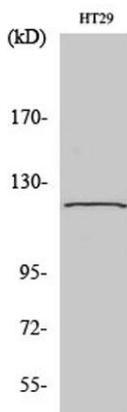
Concentration	1 mg/ml
Observed band	118kD
Human Gene ID	114791
Human Swiss-Prot Number	Q96RT8
Alternative Names	TUBGCP5; GCP5; KIAA1899; Gamma-tubulin complex component 5; GCP-5

Background

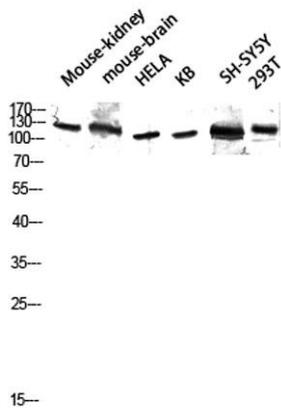
function:Gamma-tubulin complex is necessary for microtubule nucleation at the centrosome.,similarity:Belongs to the GCP family.,subunit:Gamma-tubulin complex is composed of gamma-tubulin, GCP2, GCP3, GCP4, GCP5 and GCP6.,tissue specificity:Widely expressed, with highest levels in heart and skeletal muscle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



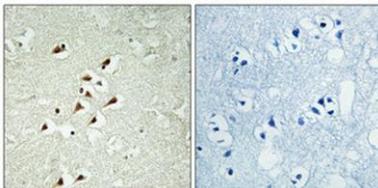
Western Blot analysis of various cells using GCP5 Polyclonal Antibody diluted at 1:2000



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.