



GCP5 Polyclonal Antibody

Catalog No	YP-Ab-03138
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	TUBGCP5
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.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Gamma-tubulin complex component 5;GCP5;GCP-5;KIAA1899;TUBGCP5
Observed Band	118kD
Calculated Molecular Weight	118kD
Cell Pathway	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.,
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.,

**matters needing attention**

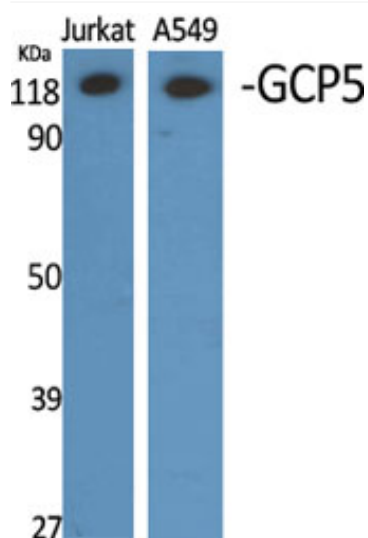
Avoid repeated freezing and thawing!

Usage suggestions

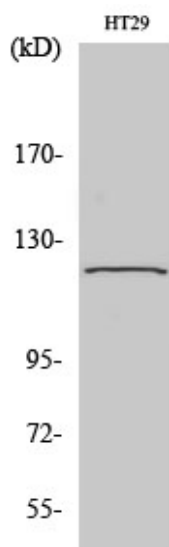
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Products Images

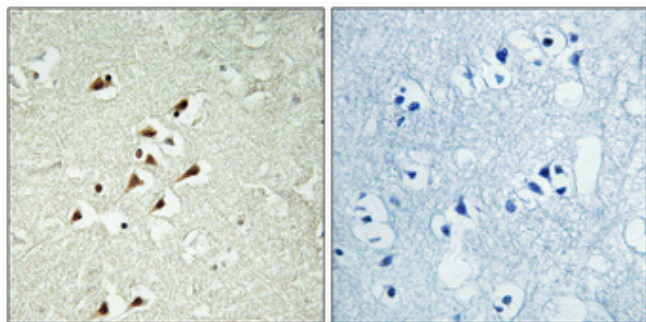


Western Blot analysis of various cells using GCP5
Polyclonal Antibody diluted at 1:2000

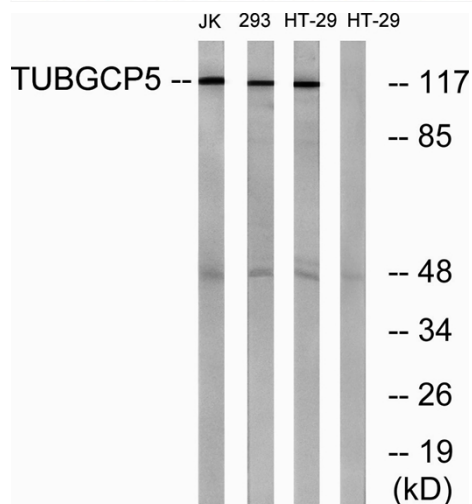


Western Blot analysis of 293 cells using GCP5
Polyclonal Antibody diluted at 1:2000

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.



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.