

# Anti-GCP2 Antibody

Rabbit polyclonal antibody to GCP2

Catalog # AP60173

## Product Information

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Application	WB
Primary Accession	<a href="#">Q9BSJ2</a>
Other Accession	<a href="#">Q921G8</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	102534

## Additional Information

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Gene ID	10844
Other Names	GCP2; Gamma-tubulin complex component 2; GCP-2; hGCP2; Gamma-ring complex protein 103 kDa; h103p; hGrip103; Spindle pole body protein Spc97 homolog; hSpc97
Target/Specificity	Recognizes endogenous levels of GCP2 protein.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

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Name	TUBGCP2
Synonyms	GCP2
Function	Component of the gamma-tubulin ring complex (gTuRC) which mediates microtubule nucleation (PubMed: <a href="#">38305685</a> , PubMed: <a href="#">38609661</a> , PubMed: <a href="#">39321809</a> , PubMed: <a href="#">9566967</a> ). The gTuRC regulates the minus-end nucleation of alpha-beta tubulin heterodimers that grow into microtubule protofilaments, a critical step in centrosome duplication and spindle formation (PubMed: <a href="#">38305685</a> , PubMed: <a href="#">38609661</a> , PubMed: <a href="#">39321809</a> ). Plays a role in neuronal migration (PubMed: <a href="#">31630790</a> ).
Cellular Location	Cytoplasm, cytoskeleton, microtubule organizing center, centrosome  Ubiquitously expressed.

## Tissue Location

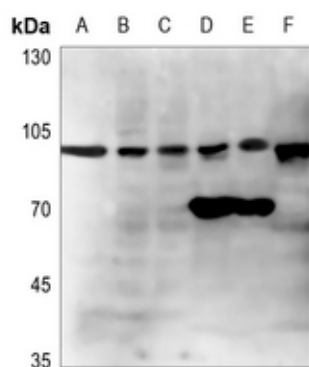
## Background

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KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GCP2. The exact sequence is proprietary.

## Images

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Western blot analysis of GCP2 expression in HEK293T (A), A549 (B), H446 (C), mouse liver (D), mouse kidney (E), rat liver (F) whole cell lysates.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.