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Anti-GCP2 Antibody

Rabbit polyclonal antibody to GCP2
Catalog # AP60173

Product Information

Application	WB
Primary Accession	Q9BSJ2
Other Accession	Q921G8
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	102534

Additional Information

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

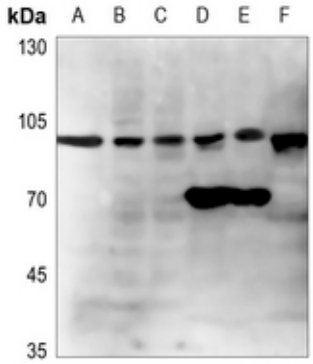
Name	TUBGCP2
Synonyms	GCP2
Function	Component of the gamma-tubulin ring complex (gTuRC) which mediates microtubule nucleation (PubMed:38305685, PubMed:38609661, PubMed:39321809, PubMed:9566967). The gTuRC regulates the minus-end nucleation of alpha-beta tubulin heterodimers that grow into microtubule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

Tissue Location	Ubiquitously expressed.

Background

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

Images



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.