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## Datasheet for ABIN1109377 **anti-TUBGCP2 antibody (AA 2-194)**

### Overview

Quantity:	0.1 mg
Target:	TUBGCP2
Binding Specificity:	AA 2-194
Reactivity:	Human, Mouse, Rat, Pig
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TUBGCP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunofluorescence (IF)

### Product Details

Immunogen:	GST-fusion protein containing amino acids 2-194 of mouse GCP2
Clone:	GCP2-01
Isotype:	IgG2b
Cross-Reactivity (Details):	Species reactivity (tested): Human, Porcine, Mouse, Rat
Purification:	Protein-A affinity chromatography
Purity:	> 95 % pure by SDS-PAGE

### Target Details

Target:	TUBGCP2
Alternative Name:	TUBGCP2 ( <a href="#">TUBGCP2 Products</a> )

## Target Details

Background:	Gamma tubulin complex component 2 (GCP2) is 95-103 kDa protein which associates with two molecules of gamma tubulin and one molecule of gamma tubulin complex component 3 (GCP3), to form the gamma tubulin small complexes (gammaTuSCs). These complexes interact with GCP4, 5, and 6 to form the gamma tubulin ring complexes (gammaTuRCs), which are embedded in the microtubule organizing center matrix where they nucleate microtubules. The gammaTuRCs are also involved in the regulation of microtubule plus and minus end dynamics. Components of gamma tubulin complexes are highly conservative in eukaryotes.Synonyms: GCP-2, GCP2, Gamma-ring complex protein 103 kDa, Gamma-tubulin complex component 2, Grip103, Spc97, Spindle pole body protein Spc97 homolog
Gene ID:	10844
NCBI Accession:	<a href="#">NP_006650</a>
UniProt:	<a href="#">Q9BSJ2</a>
Pathways:	<a href="#">M Phase</a> , <a href="#">SARS-CoV-2 Protein Interactome</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Concentration:	1.0 mg/mL
Buffer:	Phosphate buffered saline (PBS), approx. pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.