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## Datasheet for ABIN1700499 anti-TUBGCP3 antibody (AA 401-500) (Biotin)



Overview

Quantity:	100 μL
Target:	TUBGCP3
Binding Specificity:	AA 401-500
Reactivity:	Xenopus laevis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TUBGCP3 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GCP3/Gamma-tubulin complex component 3
Isotype:	IgG
Cross-Reactivity:	Xenopus laevis
Predicted Reactivity:	Human,Mouse,Rat,Cow,Sheep,Chicken
Purification:	Purified by Protein A.
Target Details	

Target:

TUBGCP3

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GCP3/Gamma-tubulin complex component 3 (TUBGCP3 Products) Synonyms: Gamma-ring complex protein 104 kDa, Gamma-tubulin complex component 3, GCP-
Synonyms: Gamma-ring complex protein 104 kDa. Gamma-tubulin complex component 3. CCD-
3, GCP3, GCP3_HUMAN, h104p, hGCP3, hGrip104, hSpc98, SPBC98, Spc98p, Spindle pole body
protein Spc98 homolog, TUBGCP3, Tubulin gamma complex associated protein 3.
Background: The Gamma-Tubulin complex is composed of Gamma Tubulin and the Gamma-
Tubulin complex-associated proteins GCP2, GCP3, GCP4, GCP5 and GCP6, all of which are
essential components of microtubule organizing centers. Gamma-Tubulin complex
components are localized to both the centrosome, where they are involved in microtubule
nucleation, and to the cytoplasm, where they exist as soluble complexes that can be recruited
to the centrosome as needed. Although the GCP proteins are related, they have distinct roles
which contribute to the proper function of the Gamma-Tubulin complex. GCP3 (Gamma-
Tubulin complex component 3), also known as TUBGCP3 or SPBC98, localizes to the
centrosome and is a ubiquitously expressed 907 amino acid member of the Gamma-Tubulin
complex. Like GCP2 and Gamma Tubulin, GCP3 is conserved in all eukaryotes, suggesting that
it is part of a core unit involved in eukaryotic microtubule nucleation. Three isoforms of GCP3
exist due to alternative splicing events.
10426
M Phase, SARS-CoV-2 Protein Interactome
WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500
For Research Use only
Liquid
1 µg/µL
Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and
50 % Glycerol.
ProClin
This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

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## Handling

	handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months