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Datasheet for ABIN1714795

**anti-TUBGCP4 antibody (AA 101-200)**

## Overview

Quantity:	100 µL
Target:	TUBGCP4
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TUBGCP4 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GCP4
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Pig,Horse
Purification:	Purified by Protein A.

## Target Details

Target:	TUBGCP4
Alternative Name:	GCP4 ( <a href="#">TUBGCP4 Products</a> )

## Target Details

Background:	<p>Synonyms: 76P, FLJ14797, Gamma tubulin complex component 4, Gamma tubulin ring complex protein 76p gene, Gamma tubulin ring complex protein, GCP 4, GCP4, h76p, hGCP4, Hgrip76, TUBGCP 4, TUBGCP4, Tubulin gamma complex associated protein 4, GCP4_HUMAN.</p> <p>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. GCP4 (gamma-tubulin complex component 4), also known as TUBGCP4, is a ubiquitously expressed 667 amino acid member of the gamma-Tubulin complex that localizes to the metaphase spindle during mitosis. In response to proteasome inhibition, GCP4 exhibits increased accumulation at the pericentriolar material where it participates in microtubule organization and nucleation.</p>
Gene ID:	27229
Pathways:	<a href="#">M Phase</a>

## Application Details

Application Notes:	<p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p> <p>ICC 1:100-500</p>
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin

## Handling

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Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months