



# Rabbit Anti-Human TUBG1 polyclonal antibody (DCABH-6902)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                              |  |
|------------------------------|--|
| <b>Specificity</b>           | This antibody may react with (Predicted by homology) : Bovine, Dog, Mouse, Rat           |
| <b>Target</b>                | TUBG1  |
| <b>Immunogen</b>             | Synthetic peptide derived from C-terminus of human tubulin gamma protein.                |
| <b>Isotype</b>               | IgG  |
| <b>Source/Host</b>           | Rabbit   |
| <b>Species Reactivity</b>    | Human  |
| <b>Purification</b>          | Immunoaffinity purified  |
| <b>Conjugate</b>             | Unconjugated   |
| <b>Applications</b>          | IHC-P  |
| <b>Molecular Weight</b>      | 50 kDa   |
| <b>Cellular Localization</b> | Cytoplasm  |
| <b>Positive Control</b>      | Colon Carcinoma  |
| <b>Format</b>                | Liquid   |
| <b>Buffer</b>                | PBS, 1% BSA, pH 7.6  |
| <b>Preservative</b>          | < 0.1% Sodium Azide  |
| <b>Storage</b>               | 2-8°C. Do not freeze. The user must validate any other storage conditions. When properly |

stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.

---

## BACKGROUND

### Introduction

Tubulin gamma, an essential structural protein for cell growth, organizes microtubule arrays in the nucleus and cytoplasm. Tubulin gamma-depleted cells fail to form functional spindles and arrest during nuclear division. Tubulin gamma associates with spindle body components Spc97 and Spc98 to form the Tubulin gamma complex. The phosphorylation of Tubulin gamma at Tyr445 plays a regulatory role in microtubule formation. The incidence rate for this phosphorylation event peaks during G1.

---

### Keywords

TUBG1;tubulin, gamma 1;TUBG, tubulin, gamma polypeptide;tubulin gamma-1 chain;TUBGCP1;gamma-1-tubulin;tubulin, gamma polypeptide;gamma-tubulin complex component 1;TUBG;GCP-1

---

## GENE INFORMATION

### Entrez Gene ID

[7283](#)

---

### UniProt ID

[P23258](#)

---