

Datasheet for ABIN207111  
**anti-TUBG1 antibody (AA 434-449)**



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## Overview

|                      |                                                                              |
|----------------------|------------------------------------------------------------------------------|
| Quantity:            | 0.1 mg                                                                       |
| Target:              | TUBG1                                                                        |
| Binding Specificity: | AA 434-449                                                                   |
| Reactivity:          | Human, Rat, Mouse, Cow, Chicken, Dog, Monkey, Xenopus laevis, Horse, Hamster |
| Host:                | Mouse                                                                        |
| Clonality:           | Monoclonal                                                                   |
| Conjugate:           | This TUBG1 antibody is un-conjugated                                         |
| Application:         | Western Blotting (WB), Immunocytochemistry (ICC)                             |

## Product Details

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|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:            | C-terminal peptide of gamma-tubulin conjugated to KLH. Percent identity by BLAST analysis:<br>Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset, Mouse, Rat, Xenopus, Hamster,<br>Porcine, Dog, Bovine, Horse, Chicken, Opossum (100%), Zebrafish, Panda, Stickleback,<br>Pufferfish (94%), Goat (88%). |
| Clone:                | TU-30                                                                                                                                                                                                                                                                                                     |
| Isotype:              | IgG1                                                                                                                                                                                                                                                                                                      |
| Specificity:          | Recognizes C-terminal peptide sequence EYHAATRPDYISWGTQ (aa 434-449) of gamma-tubulin, a 48 kD structural constituent of cytoskeleton and microtubule organizing center (MTOC).                                                                                                                           |
| Predicted Reactivity: | Percent identity by BLAST analysis: Human, Gorilla, Orangutan, Gibbon, Monkey, Marmoset,<br>Mouse, Rat, Xenopus, Hamster, Porcine, Dog, Bovine, Horse, Chicken, Opossum (100%)                                                                                                                            |

## Product Details

Zebrafish, Panda, Stickleback, Pufferfish (94%) Goat (88%).

Purification: Protein A purified

## Target Details

Target: TUBG1

Alternative Name: TUBG1 / Tubulin Gamma 1 ([TUBG1 Products](#))

Background: Name/Gene ID: TUBG1

Synonyms: TUBG1, Gamma-1-tubulin, GCP-1, Gamma Tubulin, TUBGCP1, Tubulin gamma chain, TUBG, Tubulin, gamma polypeptide, Tubulin gamma-1 chain, Tubulin, gamma 1

Gene ID: 7283

UniProt: [P23258](#)

Pathways: [Microtubule Dynamics, M Phase](#)

## Application Details

Application Notes: Approved: ICC (1 - 2 µg/mL), WB

Usage: Immunocytochemistry: Recommended dilution -. Purified Antibody: 1-2 µg/mL. Staining technique: (a) Fix cells for 10 min in methanol at -20 degrees C and for 6 min in acetone at -20 degrees C. (b) Fix cells directly in methanol for 10 min at -20 degrees C

Not recommended for: IHC-P

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, 15 mM sodium azide, approx, pH 7.4.

Preservative: Sodium azide

## Handling

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| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
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| Handling Advice: | avoid freeze thaw cycles. |
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| Storage: | 4 °C,-20 °C |
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| Storage Comment: | Short term 4°C, long term aliquot and store at -20°C, avoid freeze-thaw cycles. |
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