

Datasheet for ABIN7173703  
**anti-TUBG2 antibody (AA 276-451)**



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2 Images

## Overview

Quantity:	100 µg
Target:	TUBG2
Binding Specificity:	AA 276-451
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TUBG2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant Human Tubulin gamma-2 chain protein (276-451AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

## Target Details

Target:	TUBG2
Alternative Name:	TUBG2 ( <a href="#">TUBG2 Products</a> )
Background:	Background: Tubulin is the major constituent of microtubules. The gamma chain is found at microtubule organizing centers (MTOC) such as the spindle poles or the centrosome.

## Target Details

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Pericentriolar matrix component that regulates alpha/beta chain minus-end nucleation, centrosome duplication and spindle formation (By similarity).

Aliases: Gamma 1 tubulin antibody, Gamma 2 tubulin antibody, Gamma Tubulin 1 antibody, Gamma Tubulin 2 antibody, Gamma tubulin complex component 1 antibody, Gamma-2-tubulin antibody, GCP 1 antibody, GCP-1 antibody, GCP1 antibody, MGC131994 antibody, TBG2\_HUMAN antibody, TUBG antibody, TUBG1 antibody, TUBG2 antibody, TUBGCP1 antibody, Tubulin gamma 1 chain antibody, Tubulin gamma 2 chain antibody, Tubulin gamma complex-associated protein 1 antibody, Tubulin gamma-2 chain antibody, tubulin, gamma 1 antibody, tubulin, gamma 2 antibody, tubulin, gamma polypeptide antibody, Xgam antibody

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UniProt: [Q9NRH3](#)

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

## Application Details

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Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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Preservative: ProClin

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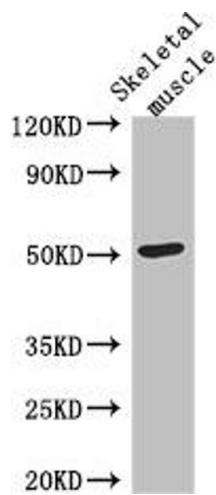
Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

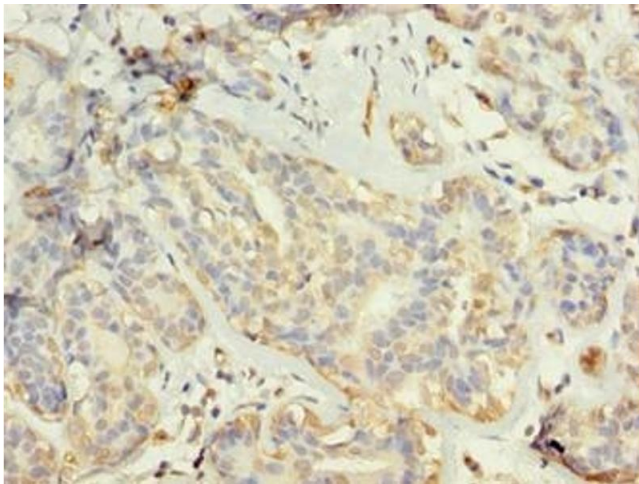
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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



### Western Blotting

**Image 1.** Western Blot Positive WB detected in: Mouse skeletal muscle tissue All lanes: TUBG2 antibody at 3  $\mu$ g/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 52 kDa Observed band size: 52 kDa



### Immunohistochemistry

**Image 2.** Immunohistochemistry of paraffin-embedded human breast cancer using ABIN7173703 at dilution of 1:100