BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

# Anti-TUBB2B Antibody (N-term)

**Catalog Number:** A05849

## About TUBB2B

The protein encoded by this gene is a beta isoform of tubulin, which binds GTP and is a major component of microtubules. This gene is highly similar to TUBB2A and TUBB2C. Defects in this gene are a cause of asymmetric polymicrogyria. [provided by RefSeq].

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## Overview

| | |
|---|---|
| Product Name | Anti-TUBB2B Antibody (N-term) |
| Reactive Species | Human, Mouse, Rat |
| Description | Boster Bio Anti-TUBB2B Antibody (N-term) (Catalog # A05849). Tested in WB, IF, IHC-P-Leica application(s). This antibody reacts with Human, Mouse, Rat. |
| Application | IF, WB, IHC-P-Leica |
| Clonality | Polyclonal |
| Formulation | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. |
| Storage Instructions | Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Host | Rabbit |
| Uniprot ID | Q9BVA1 |

## Technical Details

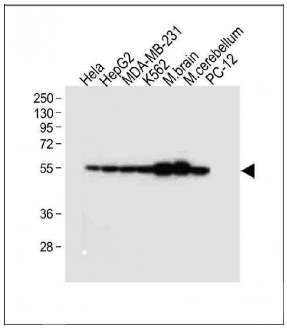
| | |
|---|---|
| Immunogen | This TUBB2B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 12-39 amino acids from the N-terminal region of human TUBB2B. |
| Predicted Reactive Species | Bovine, Chicken, Monkey, Pig, Xenopus |
| Isotype | Rabbit IgG |
| Purification | This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Suggested Dilutions | WB: 1:4000 |

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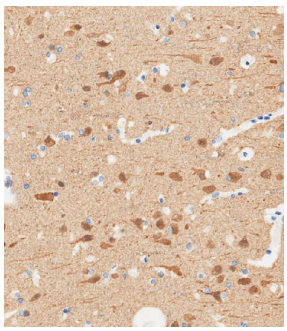
| | |
|---|---|
| | IHC-P-Leica: 1:2000<br>IF: 1:10-1:50 |

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# Anti-TUBB2B Antibody (N-term) (A05849) Images




All lanes : Anti-TUBB2B Antibody (N-term) at 1:4000 dilutionLane 1: Hela whole cell lysateLane 2: HepG2 whole cell lysateLane 3: MDA-MB-231 whole cell lysateLane 4: K562 whole cell lysateLane 5: Mouse brain tissue lysateLane 6: Mouse cerebellum tissue lysateLane 7: PC-12 whole cell lysateLysates/proteins at 20 µg per lane. SecondaryGoat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 50 kDaBlocking/Dilution buffer: 5% NFDM/TBST.



Immunohistochemical analysis of paraffin-embedded Human brain tissue using A05849 performed on the Leica® BOND RXm. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9. 0). Samples were incubated with primary antibody (1:2000) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.

Anti-TUBB2B Antibody (N-term)

For Research Use Only. Not for use in diagnostic procedures.