

Anti-Beta-tubulin Antibody
Catalog # ABV11947**Specification**

Anti-Beta-tubulin Antibody - Product Information

Application	WB
Primary Accession	Q13885
Reactivity	Human, Mouse, Rat
Host	Rabbit
Isotype	Rabbit IgG
Calculated MW	49907

Anti-Beta-tubulin Antibody - Additional Information**Gene ID 7280**

Positive Control	WB; HeLa, NIH3T3, PC12 cell lysates
Application & Usage	WB; 1:500 - 1:2000

Other Names

TUBB2A; TUBB2; Tubulin beta-2A chain; TUBB2B; Tubulin beta-2B chain; TUBB3; TUBB4; Tubulin beta-3 chain; Tubulin beta-4 chain; Tubulin beta-III; TUBB4A; TUBB4; TUBB5; Tubulin beta-4A chain; Tubulin 5 beta; Tubulin beta-4 chain; TUBB4B; TUBB2C; Tubulin beta-4B chain; Tubulin beta-2 chain; Tubulin beta-2C chain; TUBB; TUBB5; OK/SW-cl.56; Tubulin beta chain; Tubulin beta-5 chain; TUBB6; Tubulin beta-6 chain

Target/Specificity

TUBB2A

Antibody Form

Liquid

Appearance

Colorless liquid

Handling

The antibody solution should be gently mixed before use

Reconstitution & Storage

-20°C

Background Descriptions**Precautions**

Anti-Beta-tubulin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-Beta-tubulin Antibody - Protein Information

Name TUBB2A

Synonyms TUBB2

Function

Tubulin is the major constituent of microtubules, a cylinder consisting of laterally associated linear protofilaments composed of alpha- and beta-tubulin heterodimers. Microtubules grow by the addition of GTP-tubulin dimers to the microtubule end, where a stabilizing cap forms. Below the cap, tubulin dimers are in GDP-bound state, owing to GTPase activity of alpha-tubulin.

Cellular Location

Cytoplasm, cytoskeleton.

Tissue Location

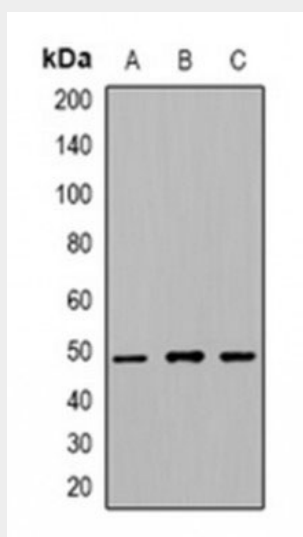
High expression in brain, where it represents 30% of all beta-tubulins.

Anti-Beta-tubulin Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Beta-tubulin Antibody - Images



WB analysis of Beta-tubulin (Ack379) expression in HeLa (A); NIH3T3 (B); PC12 (C) whole cell lysates