

**TUBB2C Antibody (Center)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AW5635**

**Specification**

---

**TUBB2C Antibody (Center) - Product Information**

Application	<b>WB, IHC-P,E</b>
Primary Accession	<a href="#">P68371</a>
Other Accession	<a href="#">P25862</a> , <a href="#">Q9ZSW1</a> , <a href="#">Q24560</a> , <a href="#">Q9ZPP0</a> , <a href="#">Q9YHC3</a> , <a href="#">Q27U48</a> , <a href="#">Q25009</a> , <a href="#">P37392</a> , <a href="#">P18025</a> , <a href="#">O17449</a> , <a href="#">P36221</a> , <a href="#">Q43594</a> , <a href="#">P33188</a> , <a href="#">P29500</a> , <a href="#">P07436</a> , <a href="#">P12459</a> , <a href="#">Q6EVK8</a> , <a href="#">P11482</a> , <a href="#">Q9ZRB2</a> , <a href="#">P33631</a> , <a href="#">Q56YW9</a> , <a href="#">Q39697</a> , <a href="#">Q9ZPN9</a> , <a href="#">Q40106</a> , <a href="#">P18026</a> , <a href="#">P50260</a> , <a href="#">P29501</a> , <a href="#">P12460</a> , <a href="#">Q9ZRB1</a> , <a href="#">Q9ASR0</a> , <a href="#">P09206</a> , <a href="#">Q9ZPN8</a>
Reactivity Predicted	<b>Human, Mouse</b> <b>Drosophila, Chicken, Bovine, Rat, Xenopus,</b> <b>Hamster, Pig</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>H=50;M=50;R=50 KDa</b>
Isotype	<b>Rabbit IgG</b>
Antigen Source	<b>HUMAN</b>

**TUBB2C Antibody (Center) - Additional Information**

**Gene ID** 10383

**Antigen Region**  
99-125

**Other Names**  
Tubulin beta-4B chain, Tubulin beta-2 chain, Tubulin beta-2C chain, TUBB4B, TUBB2C

**Dilution**  
WB~~1:2000  
IHC-P~~1:50~100

**Target/Specificity**  
This TUBB2C antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 99-125 amino acids from the Central region of human TUBB2C.

**Storage**  
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.

**Precautions**  
TUBB2C Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## TUBB2C Antibody (Center) - Protein Information

**Name** TUBB4B

**Synonyms** TUBB2C

### 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

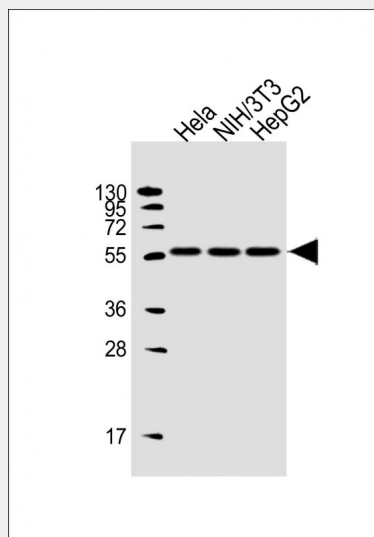
Ubiquitous..

## TUBB2C Antibody (Center) - Protocols

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

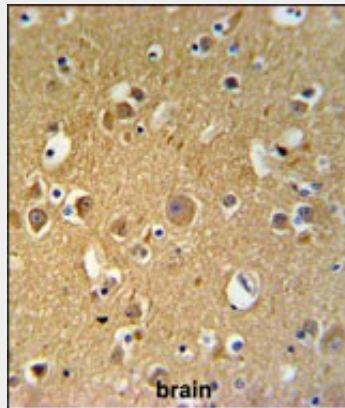
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## TUBB2C Antibody (Center) - Images



All lanes : Anti-TUBB2C Antibody (Center) at 1:2000 dilution Lane 1: HeLa whole cell lysate Lane 2: NIH/3T3 whole cell lysate Lane 3: HepG2 whole cell lysate Lysates/proteins at 20 µg per lane.

Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 50 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



TUBB2C Antibody (Center) (Cat. #AW5635) IHC analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the TUBB2C Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

#### **TUBB2C Antibody (Center) - Background**

TUBB2C is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha-chain.

#### **TUBB2C Antibody (Center) - References**

Xu, W., et al. Mol. Cancer Ther. 8(12):3318-3330(2009)  
Chan, C.M., et al. Arch. Pathol. Lab. Med. 132(4):675-683(2008)  
Olsen, J.V., et al. Cell 127(3):635-648(2006)