

# TUBB2C Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AP5126c

## Product Information

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<b>Application</b>	WB, IHC-P, E
<b>Primary Accession</b>	<a href="#">P68371</a>
<b>Other Accession</b>	<a href="#">P09244</a> , <a href="#">Q91575</a> , <a href="#">P69897</a> , <a href="#">Q767L7</a> , <a href="#">P99024</a> , <a href="#">P07437</a> , <a href="#">P69893</a> , <a href="#">Q2KJD0</a> , <a href="#">P30883</a> , <a href="#">Q6P9T8</a> , <a href="#">P68372</a> , <a href="#">Q3MHM5</a> , <a href="#">P09206</a> , <a href="#">Q24560</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Predicted</b>	Drosophila, Chicken, Bovine, Mouse, Rat, Xenopus, Hamster, Pig
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB26221
<b>Antigen Region</b>	99-125

## Additional Information

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<b>Other Names</b>	Tubulin beta-4B chain, Tubulin beta-2 chain, Tubulin beta-2C chain, TUBB4B, TUBB2C
<b>Target/Specificity</b>	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.
<b>Dilution</b>	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	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.
<b>Precautions</b>	TUBB2C Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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### Background

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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.

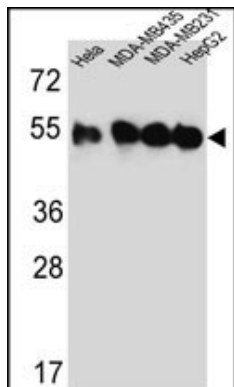
## References

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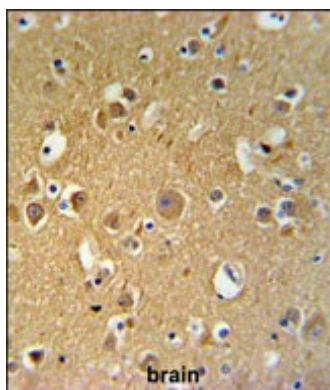
Xu, W., et al. Mol. Cancer Ther. 8(12):3318-3330(2009)  
Chan, C.M., et al. Arch. Pathol. Lab. Med. 132(4):675-683(2008)  
Olsen, J.V., et al. Cell 127(3):635-648(2006)

## Images

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Western blot analysis of TUBB2C Antibody (Center) (Cat. #AP5126c) in Hela,MDA-MB435,MDA-MB231,HepG2 cell line lysates (35ug/lane). TUBB2C (arrow) was detected using the purified Pab.



TUBB2C Antibody (Center) (Cat. #AP5126c) 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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.