

Rabbit TUBB2C Polyclonal Antibody | anti-TUBB4B antibody

TUBB2C Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283824	Rabbit	Human (Predicted Reactivity: Drosophila, Chicken, Bovine, Mouse, Rat, Xenopus, Hamster, Pig)	Immunohistochemistry, ELISA, Western Blot

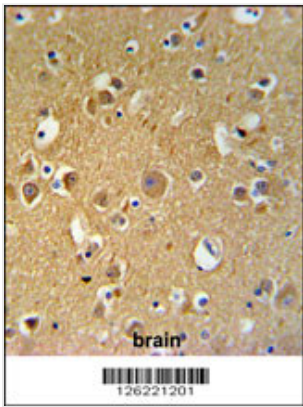
PRODUCT SYNONYMS

TUBB2C; Polyclonal Antibody; TUBB2C Antibody (Center); Tubulin beta-4B chain; Tubulin beta-2 chain; Tubulin beta-2C chain; TUBB4B; anti-TUBB4B antibody

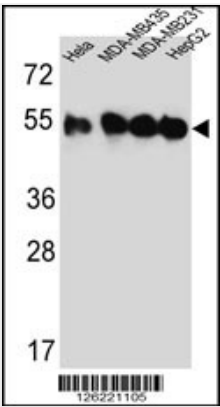
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Drosophila, Chicken, Bovine, Mouse, Rat, Xenopus, Hamster, Pig)
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	99-125
Sequence Length	445
Applicable Applications for anti-TUBB4B antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Cellular Location	Cytoplasm, cytoskeleton
Tissue Location	Ubiquitous
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 Weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
TUBB2C Antibody (Center) 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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-TUBB4B antibody	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.
Product Categories/Family for anti-TUBB4B antibody	Signal Transduction
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174735
NCBI GeneID	10383
NCBI Accession #	NP_006079.1
NCBI GenBank Nucleotide #	NM_006088.5
UniProt Accession #	P68371; P05217; A2BFA2
Molecular Weight	49831
NCBI Official Full Name	tubulin beta-4B chain
NCBI Official Synonym Full Names	tubulin, beta 4B class IVb
NCBI Official Symbol	TUBB4B
NCBI Official Synonym Symbols	Beta2; TUBB2; TUBB2C
NCBI Protein Information	tubulin beta-4B chain
UniProt Protein Name	Tubulin beta-4B chain
UniProt Gene Name	TUBB4B
UniProt Synonym Gene Names	TUBB2C
UniProt Entry Name	TBB4B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/tubb2c-antibody-immunohistochemistry-western-blot-elisa/283824>