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TUBB2B Antibody (N-term) Blocking peptide

Synthetic peptide
Catalog # BP11940a

Specification

TUBB2B Antibody (N-term) Blocking peptide - Product Information

Primary Accession Q9BVA1

TUBB2B Antibody (N-term) Blocking peptide - Additional Information

Gene ID 347733

Other Names
Tubulin beta-2B chain, TUBB2B

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TUBB2B Antibody (N-term) Blocking peptide - Protein Information

Name TUBB2B

Function
Tubulin is the major constituent of microtubules, a cylinder consisting of laterally associated linear protofilaments composed of alpha- and beta-tubulin heterodimers (PubMed:23001566, PubMed:28013290, PubMed:26732629). 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. Plays a critical role in proper axon guidance in both central and peripheral axon tracts (PubMed:23001566). Implicated in neuronal migration (PubMed:19465910).

Cellular Location
Cytoplasm, cytoskeleton

Tissue Location
High expression in brain.

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TUBB2B Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides

TUBB2B Antibody (N-term) Blocking peptide - Images

TUBB2B Antibody (N-term) Blocking peptide - Background

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

TUBB2B Antibody (N-term) Blocking peptide - References

Xu, W., et al. Mol. Cancer Ther. 8(12):3318-3330(2009)Jaglin, X.H., et al. Nat. Genet. 41(6):746-752(2009)Martins-de-Souza, D., et al. Eur Arch Psychiatry Clin Neurosci 259(3):151-163(2009)Cucchiarelli, V., et al. Cell Motil. Cytoskeleton 65(8):675-685(2008)Lamesch, P., et al. Genomics 89(3):307-315(2007)