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TBB5 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP7858a

Specification

TBB5 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession P07437

TBB5 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 203068

Other Names
Tubulin beta chain, Tubulin beta-5 chain, TUBB, TUBB5

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP7858a was selected from the N-term region of human TBB5. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

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.

TBB5 Antibody (N-term) Blocking Peptide - Protein Information

Name TUBB

Synonyms TUBB5

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
Ubiquitously expressed with highest levels in spleen, thymus and immature brain.

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TBB5 Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

TBB5 Antibody (N-term) Blocking Peptide - Images

TBB5 Antibody (N-term) Blocking Peptide - Background

Tubulin 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.

TBB5 Antibody (N-term) Blocking Peptide - References

Wiesen,K.M., Cancer Lett. 257 (2), 227-235 (2007)Navarro-Nunez,L., Haematologica 92 (4), 513-518 (2007)Volz,A., Hum. Genet. 93 (1), 42-46 (1994)