

TUBB4 Antibody (N-term) Blocking Peptide

Synthetic peptide Catalog # BP6594a

Specification

TUBB4 Antibody (N-term) Blocking Peptide - Product Information

Primary Accession P04350

TUBB4 Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 10382

Other Names

Tubulin beta-4A chain, Tubulin 5 beta, Tubulin beta-4 chain, TUBB4A, TUBB4, TUBB5

Target/Specificity

The synthetic peptide sequence used to generate the antibody AP6594a was selected from the N-term region of human TUBB4. 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.

TUBB4 Antibody (N-term) Blocking Peptide - Protein Information

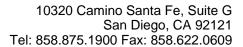
Name TUBB4A

TUBB4 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.

TUBB4 Antibody (N-term) Blocking Peptide - References

Bhattacharya, R., Cell Motil. Cytoskeleton 65 (9), 708-720 (2008)





Synonyms TUBB4, TUBB5

Function

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.

Cellular Location

Cytoplasm, cytoskeleton.

Tissue Location

Major isotype in brain, where it represents 46% of all beta-tubulins. In the brain, highest expression levels in the cerebellum, followed by putamen and white matter. Moderate levels in testis. Very low levels, if any, in other tissues

TUBB4 Antibody (N-term) Blocking Peptide - Protocols

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

• Blocking Peptides