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# 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 <a href=/products/AP6594a>AP6594a</a> 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