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TUBA1C Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP12043b

Specification

TUBA1C Antibody (C-term) Blocking peptide - Product Information

Primary Accession Q9BQE3

TUBA1C Antibody (C-term) Blocking peptide - Additional Information

Gene ID 84790

Other Names
Tubulin alpha-1C chain, Alpha-tubulin 6, Tubulin alpha-6 chain, TUBA1C, TUBA6

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.

TUBA1C Antibody (C-term) Blocking peptide - Protein Information

Name TUBA1C

Synonyms TUBA6

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.

TUBA1C Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

TUBA1C Antibody (C-term) Blocking peptide - Images

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TUBA1C Antibody (C-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.

TUBA1C Antibody (C-term) Blocking peptide - References

Frum, R., et al. J. Proteome Res. 6(4):1410-1417(2007)Olsen, J.V., et al. Cell 127(3):635-648(2006)Olsen, J.V., et al. Cell 127(3):635-648(2006)Guo, D., et al. Biochem. Biophys. Res. Commun. 337(4):1308-1318(2005)Rush, J., et al. Nat. Biotechnol. 23(1):94-101(2005)