

TBCB Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP19083a**Specification**

TBCB Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q99426](#)**TBCB Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 1155**Other Names**

Tubulin-folding cofactor B, Cytoskeleton-associated protein 1, Cytoskeleton-associated protein CKAP1, Tubulin-specific chaperone B, TBCB, CG22, CKAP1

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.

TBCB Antibody (N-term) Blocking Peptide - Protein Information**Name** TBCB**Synonyms** CG22, CKAP1**Function**

Binds to alpha-tubulin folding intermediates after their interaction with cytosolic chaperonin in the pathway leading from newly synthesized tubulin to properly folded heterodimer (PubMed:9265649). Involved in regulation of tubulin heterodimer dissociation. May function as a negative regulator of axonal growth (By similarity).

Cellular Location

Cytoplasm. Cytoplasm, cytoskeleton. Note=Colocalizes with microtubules. In differentiated neurons, located in the cytoplasm. In differentiating neurons, accumulates at the growth cone.

Tissue Location

Found in most tissues.

TBCB Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TBCB Antibody (N-term) Blocking Peptide - Images

TBCB Antibody (N-term) Blocking Peptide - Background

TBCB binds to alpha-tubulin folding intermediates after their interaction with cytosolic chaperonin in the pathway leading from newly synthesized tubulin to properly folded heterodimer. Involved in regulation of tubulin heterodimer dissociation. May function as a negative regulator of axonal growth.

TBCB Antibody (N-term) Blocking Peptide - References

Bailey, S.D., et al. Diabetes Care (2010) In press :Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)Cleveland, D.W., et al. Hum. Mol. Genet. 18(8):1384-1394(2009)Martins-de-Souza, D., et al. Eur Arch Psychiatry Clin Neurosci 259(3):151-163(2009)Fanarraga, M.L., et al. Exp. Cell Res. 315(3):535-541(2009)