

TUBA8 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP8675a**Specification**

TUBA8 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q9NY65](#)**TUBA8 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 51807**Other Names**

Tubulin alpha-8 chain, Alpha-tubulin 8, Tubulin alpha chain-like 2, TUBA8, TUBAL2

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP8675a](/products/AP8675a) was selected from the N-term region of human TUBA8. 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.

TUBA8 Antibody (N-term) Blocking Peptide - Protein Information**Name** TUBA8**Synonyms** TUBAL2**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

Preferentially expressed in heart, skeletal muscle and testis. Expressed at low levels in the

developing brain. Expressed in megakaryocytes and platelets (PubMed:34704371)

TUBA8 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

TUBA8 Antibody (N-term) Blocking Peptide - Images

TUBA8 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.

TUBA8 Antibody (N-term) Blocking Peptide - References

Stanchi,F., et.al., Biochem. Biophys. Res. Commun. 270 (3), 1111-1118 (2000)Feierbach,B., et.al., J. Cell Biol. 144 (1), 113-124 (1999)