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TUBB8 Antibody (N-term) Blocking peptide

Synthetic peptide
Catalog # BP13248a

Specification

TUBB8 Antibody (N-term) Blocking peptide - Product Information

Primary Accession Q3ZCM7

TUBB8 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 347688

Other Names
Tubulin beta-8 chain, TUBB8

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP13248a was selected from the N-term region of TUBB8. 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.

TUBB8 Antibody (N-term) Blocking peptide - Protein Information

Name TUBB8 (HGNC:20773)

Function
Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta

TUBB8 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 (By similarity).

TUBB8 Antibody (N-term) Blocking peptide - References

van Geel, M., et al. Am. J. Hum. Genet. 70(1):269-278(2002)van Geel, M., et al. Cytogenet. Cell Genet. 88 (3-4), 316-321 (2000) :

chain and one at a non-exchangeable site on the alpha chain (By similarity). TUBB8 has a key role in meiotic spindle assembly and oocyte maturation (PubMed:26789871).

Cellular Location
Cytoplasm, cytoskeleton. Cytoplasm, cytoskeleton, spindle

Tissue Location
Expressed at a high level in oocytes, at different stages of development.

TUBB8 Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides