

**TUBD1 Blocking Peptide (C-term)**

Synthetic peptide

Catalog # BP20378b

**Specification**

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**TUBD1 Blocking Peptide (C-term) - Product Information**

Primary Accession

[O9UJT1](#)

Other Accession

[Q4R7T7](#)**TUBD1 Blocking Peptide (C-term) - Additional Information****Gene ID** 51174**Other Names**

Tubulin delta chain, Delta-tubulin, TUBD1, TUBD

**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.

**TUBD1 Blocking Peptide (C-term) - Protein Information****Name** TUBD1**Synonyms** TUBD**Function**

Acts as a positive regulator of hedgehog signaling and regulates ciliary function.

**Cellular Location**

Nucleus {ECO:0000250|UniProtKB:Q9R1K7}. Cytoplasm {ECO:0000250|UniProtKB:Q9R1K7}.

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole

{ECO:0000250|UniProtKB:Q9R1K7}. Cell projection, cilium {ECO:0000250|UniProtKB:Q9R1K7}.

Note=Associated with centrioles. Both cytoplasmic and nuclear. In the elongating spermatid it is associated with the manchette, a specialized microtubule system present during reshaping of the sperm head. {ECO:0000250|UniProtKB:Q9R1K7}

**TUBD1 Blocking Peptide (C-term) - Protocols**

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

- [Blocking Peptides](#)

#### **TUBD1 Blocking Peptide (C-term) - Images**

#### **TUBD1 Blocking Peptide (C-term) - Background**

In the elongating spermatid it is associated with the manchette, a specialized microtubule system present during reshaping of the sperm head (By similarity).