

**TTC26 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP5325b****Specification**

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**TTC26 Antibody (C-term) Blocking peptide - Product Information**

Primary Accession [A0AVF1](#)  
Other Accession [NP\\_079202.2](#)

**TTC26 Antibody (C-term) Blocking peptide - Additional Information**

**Gene ID** 79989

**Other Names**

Intraflagellar transport protein 56, TTC26 (<a href="http://www.genenames.org/cgi-bin/gene\_symbol\_report?hgnc\_id=21882" target="\_blank">HGNC:21882</a>)

**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.

**TTC26 Antibody (C-term) Blocking peptide - Protein Information**

**Name** IFT56 ([HGNC:21882](#))

**Synonyms** TTC26

**Function**

Component of the intraflagellar transport (IFT) complex B required for transport of proteins in the motile cilium. Required for transport of specific ciliary cargo proteins related to motility, while it is neither required for IFT complex B assembly or motion nor for cilium assembly. Required for efficient coupling between the accumulation of GLI2 and GLI3 at the ciliary tips and their dissociation from the negative regulator SUFU. Plays a key role in maintaining the integrity of the IFT complex B and the proper ciliary localization of the IFT complex B components. Not required for IFT complex A ciliary localization or function. Essential for maintaining proper microtubule organization within the ciliary axoneme.

**Cellular Location**

Cell projection, cilium {ECO:0000250|UniProtKB:Q8BS45}. Note=Localizes at the base to the ciliary transition zone. {ECO:0000250|UniProtKB:Q8BS45}

**TTC26 Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**TTC26 Antibody (C-term) Blocking peptide - Images****TTC26 Antibody (C-term) Blocking peptide - References**

Suzuki, Y., et al. Genome Res. 14(9):1711-1718(2004)