

**CEP97 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP4891b****Specification**

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**CEP97 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q8IW35](#)**CEP97 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 79598**Other Names**

Centrosomal protein of 97 kDa, Cep97, Leucine-rich repeat and IQ domain-containing protein 2, CEP97, LRRIQ2

**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.

**CEP97 Antibody (C-term) Blocking Peptide - Protein Information****Name** CEP97**Synonyms** LRRIQ2**Function**

Acts as a key negative regulator of ciliogenesis in collaboration with CCP110 by capping the mother centriole thereby preventing cilia formation (PubMed:<a href="http://www.uniprot.org/citations/17719545" target="\_blank">17719545</a>, PubMed:<a href="http://www.uniprot.org/citations/30375385" target="\_blank">30375385</a>). Required for recruitment of CCP110 to the centrosome (PubMed:<a href="http://www.uniprot.org/citations/17719545" target="\_blank">17719545</a>).

**Cellular Location**

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole. Note=Recruited at the distal end of the mother centriole by MPHOSPH9.

**CEP97 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **CEP97 Antibody (C-term) Blocking Peptide - Images**

#### **CEP97 Antibody (C-term) Blocking Peptide - Background**

CEP97 collaborates with CEP110, being involved in the suppression of a cilia assembly program. CEP97 required for correct spindle formation and has a role in cytokinesis. CEP97 required for recruitment of CEP110 to the centrosome.

#### **CEP97 Antibody (C-term) Blocking Peptide - References**

Tsang, W.Y., et al. Dev. Cell 16(5):649-660(2009) Bettencourt-Dias, M., et al. Trends Cell Biol. 18(1):8-11(2008) Spektor, A., et al. Cell 130(4):678-690(2007)