10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

CEP97 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP4891b

Specification

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:17719545, PubMed:30375385). Required for recruitment of CCP110 to the centrosome (PubMed:17719545).

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

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

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)