

QN1 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP5926a**Specification**

QN1 Antibody (N-term) Blocking peptide - Product Information

Primary Accession [Q5TB80](#)
Other Accession [NP_055710.2](#)

QN1 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 22832

Other Names

Centrosomal protein of 162 kDa, Cep162, Protein QN1 homolog, CEP162, C6orf84, KIAA1009, QN1

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.

QN1 Antibody (N-term) Blocking peptide - Protein Information

Name CEP162

Synonyms C6orf84, KIAA1009, QN1

Function

Required to promote assembly of the transition zone in primary cilia. Acts by specifically recognizing and binding the axonemal microtubule. Localizes to the distal ends of centrioles before ciliogenesis and directly binds to axonemal microtubule, thereby promoting and restricting transition zone formation specifically at the cilia base. Required to mediate CEP290 association with microtubules.

Cellular Location

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole. Cytoplasm, cytoskeleton, spindle Nucleus. Note=Localizes to the distal end of centrioles throughout the cell cycle. During ciliogenesis, found at the cilia base. Localizes to spindle microtubules during mitosis

QN1 Antibody (N-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

QN1 Antibody (N-term) Blocking peptide - Images