

**K1712 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP18343b****Specification**

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**K1712 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q9C0F1](#)**K1712 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 80817**Other Names**

Centrosomal protein of 44 kDa, Cep44, HBV PreS1-transactivated protein 3, PS1TP3, CEP44, KIAA1712

**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.

**K1712 Antibody (C-term) Blocking Peptide - Protein Information****Name** CEP44**Synonyms** KIAA1712**Function**

Centriole-enriched microtubule-binding protein involved in centriole biogenesis. In collaboration with CEP295 and POC1B, is required for the centriole-to-centrosome conversion by ensuring the formation of bona fide centriole wall (PubMed:<a href="http://www.uniprot.org/citations/32060285" target="\_blank">32060285</a>). Functions as a linker component that maintains centrosome cohesion. Associates with CROCC and regulates its stability and localization to the centrosome (PubMed:<a href="http://www.uniprot.org/citations/31974111" target="\_blank">31974111</a>).

**Cellular Location**

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole. Cytoplasm, cytoskeleton, spindle pole. Midbody Note=Localizes to the proximal end of mother and daughter centrioles

**K1712 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**K1712 Antibody (C-term) Blocking Peptide - Images****K1712 Antibody (C-term) Blocking Peptide - Background**

The function of this protein remains unknown.

**K1712 Antibody (C-term) Blocking Peptide - References**

Ota, T., et al. Nat. Genet. 36(1):40-45(2004)