

**CCDC5 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP2782a****Specification**

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**CCDC5 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [Q96CS2](#)**CCDC5 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 115106**Other Names**

HAUS augmin-like complex subunit 1, Coiled-coil domain-containing protein 5, Enhancer of invasion-cluster, HEI-C, HAUS1, CCDC5, HEIC

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP2782a](/products/AP2782a) was selected from the N-term region of human CCDC5. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**CCDC5 Antibody (N-term) Blocking Peptide - Protein Information****Name** HAUS1**Synonyms** CCDC5, HEIC**Function**

Contributes to mitotic spindle assembly, maintenance of centrosome integrity and completion of cytokinesis as part of the HAUS augmin-like complex.

**Cellular Location**

Cytoplasm. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle. Cytoplasm, cytoskeleton, spindle pole Note=Localizes with the spindle poles in mitotic cells. In metaphase, localizes to the mitotic asters and is highly punctate on the microtubule array. During later stages of mitosis, remains on the spindle but is not present at the interzone, and is finally observed at the microtubule bundles proximal to the midbody, clearly

excluded from the midbody. In contrast, does not colocalize with the tubulin cytoskeleton in interphase cells. In interphase, localized at the centrosome and diffusely in the cytoplasm. Localizes to mitotic spindle microtubules.

**Tissue Location**

Widely expressed. Expressed in pancreas, kidney, skeletal muscle, liver and heart. Weakly expressed in lung, brain and placenta.

**CCDC5 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**CCDC5 Antibody (N-term) Blocking Peptide - Images****CCDC5 Antibody (N-term) Blocking Peptide - Background**

CCDC5 is regulator of spindle function and integrity during the metaphase-anaphase transition.

**CCDC5 Antibody (N-term) Blocking Peptide - References**

Einarson, M.B., Mol. Cell. Biol. 24 (9), 3957-3971 (2004)