

SDCCAG8 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP17462a**Specification**

SDCCAG8 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q86SQ7](#)**SDCCAG8 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 10806**Other Names**

Serologically defined colon cancer antigen 8, Antigen NY-CO-8, Centrosomal colon cancer autoantigen protein, hCCCAP, SDCCAG8, CCCAP, NPHP10

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.

SDCCAG8 Antibody (N-term) Blocking Peptide - Protein Information**Name** SDCCAG8**Synonyms** CCCAP, NPHP10**Function**

Plays a role in the establishment of cell polarity and epithelial lumen formation (By similarity). Also plays an essential role in ciliogenesis and subsequent Hedgehog signaling pathway that requires the presence of intact primary cilia for pathway activation. Mechanistically, interacts with and mediates RABEP2 centrosomal localization which is critical for ciliogenesis (PubMed:27224062).

Cellular Location

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole. Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, cilium basal body. Cell junction. Note=Located at the distal ends of both centrioles and colocalizes to centrosomes throughout the cell cycle

Tissue Location

Expressed in thymus, prostate, testis, ovary, small intestine, colon, mucosa, colon and renal cancer tumors

SDCCAG8 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SDCCAG8 Antibody (N-term) Blocking Peptide - Images

SDCCAG8 Antibody (N-term) Blocking Peptide - Background

This gene encodes a centrosome associated protein. This protein may be involved in organizing the centrosome during interphase and mitosis. Mutations in this gene are associated with retinal-renal ciliopathy.

SDCCAG8 Antibody (N-term) Blocking Peptide - References

Otto, E.A., et al. Nat. Genet. 42(10):840-850(2010) Scherag, A., et al. PLoS Genet. 6 (4), E1000916 (2010) :McCauley, J.L., et al. Genes Immun. 10(7):624-630(2009) Kenedy, A.A., et al. Gene 303, 35-46 (2003) :Scanlan, M.J., et al. Int. J. Cancer 76(5):652-658(1998)