

SDCCAG8 (aa469-483) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3750a**Specification**

SDCCAG8 (aa469-483) Antibody (internal region) - Product Information

Application	E
Primary Accession	Q86SQ7
Other Accession	NP_006633.1 , 10806 , 76816 (mouse) , 305002 (rat)
Predicted	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	82682

SDCCAG8 (aa469-483) Antibody (internal region) - 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

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SDCCAG8 (aa469-483) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

SDCCAG8 (aa469-483) Antibody (internal region) - 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 (aa469-483) Antibody (internal region) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SDCCAG8 (aa469-483) Antibody (internal region) - Images**SDCCAG8 (aa469-483) Antibody (internal region) - References**

Candidate exome capture identifies mutation of SDCCAG8 as the cause of a retinal-renal ciliopathy. Otto EA, Hurd TW, Airik R, Chaki M, Zhou W, Stoetzel C, Patil SB, Levy S, Ghosh AK, Murga-Zamalloa CA, van Reeuwijk J, Letteboer SJ, Sang L, Giles RH, Liu Q, Coene KL, Estrada-Cuzcano A, Collin RW, McLaughlin HM, Held S, Kasanuki JM, Ramaswami G, Conte J Nat Genet. 2010 Oct;42(10):840-50. PMID: 20835237