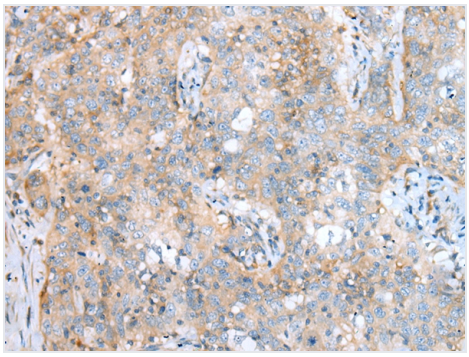
SDCCAG8 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SDCCAG8, Polyclonal Antibody
Full Product Name	SDCCAG8 Antibody
Product Gene Name	anti-SDCCAG8 antibody
Product Synonym Names	BBS16; CCCAP; SLSN7; NPHP10; hCCCAP; HSPC085; NY-CO-8; CCCAP SLSN7
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Purity/Purification	Antigen Affinity Purification
Concentration	0.9 mg/ml (lot specific)
Specificity	The antibody detects endogenous levels of total SDCCAG8 protein.
Preparation and Storage	Store at -20 degree C
Molecular Weight	78,021 Da
OMIM	613524
3D Structure	ModBase 3D Structure for Q86SQ7
Immunogen	Synthetic peptide of human SDCCAG8
Immunogen Type	Peptide
Product Categories/Family for anti-SDCCAG8 antibody	Total protein Ab
Applications Tested/Suitable for anti-SDCCAG8 antibody	Immunohistochemistry (IHC)
Application Notes for anti-SDCCAG8 antibody	Immunohistochemistry: 1:20-1:100
Related Product Information for anti-SDCCAG8 antibody	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.
Other Notes	Small volumes of anti-SDCCAG8 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SDCCAG8 purchase	MBS9415749 is an antibody targeting SDCCAG8. Also known as SDCCAG8 Antibody. Reactive in Human. Host: Rabbit.



Immunohistochemistry (IHC) of anti-SDCCAG8 antibody
Immunohistochemical analysis of paraffin-embedded Human esophagus cancer tissue using at dilution 1/20,

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SDCCAG8. It may not necessarily be applicable to this product.

NCBI GI #	28269672
NCBI GeneID	10806
NCBI Accession #	NP_006633.1
UniProt Primary Accession #	Q86SQ7
UniProt Secondary Accession #	O60527; Q3ZCR6; Q8N5F2; Q9P0F1
UniProt Related Accession #	Q86SQ7
GenBank Nucleotide #	NM_006642.3
NCBI Official Full Name	serologically defined colon cancer antigen 8
NCBI Official Synonym Full Names	serologically defined colon cancer antigen 8
NCBI Official Symbol	SDCCAG8
NCBI Official Synonym Symbols	BBS16; CCCAP; SLSN7; NPHP10; hCCCAP; HSPC085; NY-CO-8; CCCAP SLSN7
UniProt Protein Name	Serologically defined colon cancer antigen 8
UniProt Synonym Protein Names	Antigen NY-CO-8; Centrosomal colon cancer autoantigen protein; hCCCAP
Protein Family	Serologically defined colon cancer antigen
UniProt Gene Name	SDCCAG8
UniProt Synonym Gene Names	CCCAP; NPHP10; hCCCAP
UniProt Entry Name	SDCG8_HUMAN
NCBI Protein Information	serologically defined colon cancer antigen 8

UniProt Comments for SDCCAG8	SDCCAG8: Plays a role in the establishment of cell polarity and epithelial lumen formation. May play a role in ciliogenesis. Defects in SDCCAG8 are the cause of Senior-Loken syndrome type 7 (SLSN7). SLSN7 is a renal-retinal disorder characterized by progressive wasting of the filtering unit of the kidney (nephronophthisis), with or without medullary cystic renal disease, and progressive eye disease. Typically this disorder becomes apparent during the first year of life. 4 isoforms of the human protein are produced by alternative splicing. Protein type: Unknown function Chromosomal Location of Human Ortholog: 1q43 Cellular Component: centriole; centrosome; cytosol; intercellular junction Molecular Function: protein binding Biological Process: establishment of cell polarity; G2/M transition of mitotic cell cycle; lumen formation Disease: Bardet-biedl Syndrome 1; Bardet-biedl Syndrome 16; Senior-loken Syndrome 7
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