

SDCCAG8 Polyclonal Antibody

Catalog number: 13471-1-AP

Size: 41 µg/150 µl

Source: Rabbit

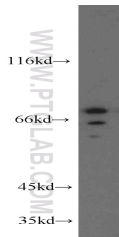
Isotype: IgG

Synonyms:

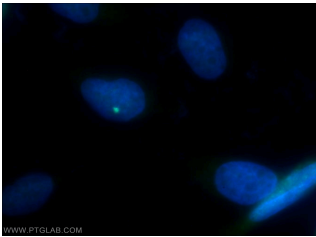
SDCCAG8; Antigen NY CO 8,

BBS16, CCCAP, hCCCAP,

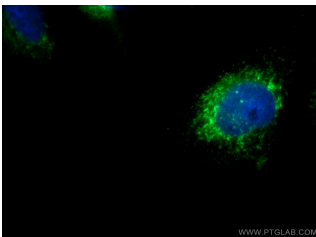
HSPC085, NY CO 8, SDCCAG8



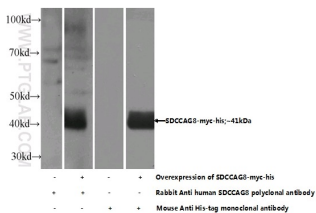
PC-3 cells were subjected to SDS PAGE followed by western blot with 13471-1-AP (SDCCAG8 antibody) at dilution of 1:500



Immunofluorescent analysis of MDCK cells using 13471-1-AP (SDCCAG8 Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunofluorescent analysis of MDCK cells using 13471-1-AP (SDCCAG8 Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Transfected HEK-293 cells

Background

SDCCAG8, also named as CCCAP and NY-CO-8, plays a role in the establishment of cell polarity and epithelial lumen formation. It may play a role in ciliogenesis. Loss of SDCCAG8 function as a cause of a retinal-renal ciliopathy and validates exome capture analysis for broadly heterogeneous single-gene disorders. SDCCAG8 is localized at both centrioles and interacts directly with OFD1 (oral-facial-digital syndrome 1), which is associated with NPHP-RC.

Applications

Tested applications:	ELISA, WB, IF
Cited applications:	IF, IHC, IP, WB
Species specificity:	Human, Mouse, Rat, Zebrafish; other species not tested.
Cited species:	Human, mouse, rat, zebrafish
Calculated SDCCAG8 MW:	713aa, 83 kDa
Observed SDCCAG8 MW:	57 kDa, 63 kDa, 41-45 kDa, 73-83 kDa
Positive WB detected in	PC-3 cells, COLO 320 cells, mouse thymus tissue, Transfected HEK-293 cells
Positive IF detected in	MDCK cells, HeLa cells
Recommended dilution:	WB: 1:200-1:2000 IF: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag4264
GenBank accession number:	BC032454
Gene ID (NCBI):	10806
Full name:	Serologically defined colon cancer antigen 8

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

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followed by western blot with
13471-1-AP(SDCCAG8
Antibody) at dilution of 1:500