

For Research Use Only

SDCCAG8 Monoclonal antibody

Catalog Number: 66284-1-Ig



Basic Information

| | | |
|---|---|--|
| Catalog Number: 66284-1-Ig | GenBank Accession Number: BC032454 | Purification Method: Protein A purification |
| Size: 150ul , Concentration: 1907 ug/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 10806 | CloneNo.: 2H1A4 |
| Source: Mouse | UNIPROT ID: Q86SQ7 | Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500 |
| Isotype: IgG2b | Full Name: serologically defined colon cancer antigen 8 | |
| Immunogen Catalog Number: AG4264 | Calculated MW: 713 aa, 83 kDa | |
| | Observed MW: 83 kDa | |

Applications

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|---|--|
| Tested Applications: WB, IHC, ELISA | Positive Controls: |
| Species Specificity: human | WB : HEK-293 cells, THP-1 cells |
| Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0 | IHC : human kidney tissue, |

Background Information

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.

Storage

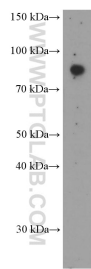
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

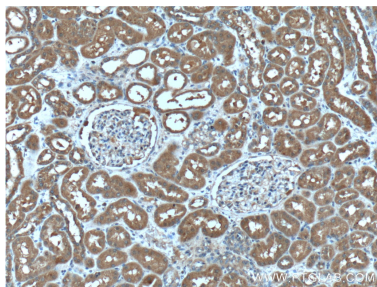
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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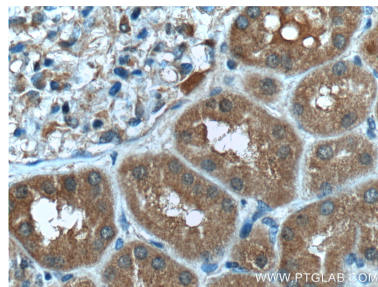
Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 66284-1-Ig (SDCCAG8 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 66284-1-Ig (SDCCAG8 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 66284-1-Ig (SDCCAG8 Antibody) at dilution of 1:200 (under 40x lens).