

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 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10806	CloneNo.: 2H1A4
Source: Mouse	Full Name: serologically defined colon cancer antigen 8	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Isotype: IgG2b	Calculated MW: 713 aa, 83 kDa	
Immunogen Catalog Number: AG4264	Observed MW: 83 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HEK-293 cells, THP-1 cells

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**

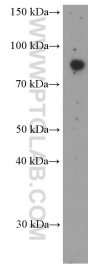
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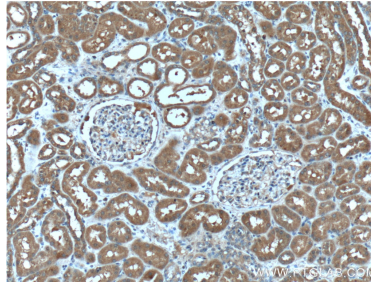
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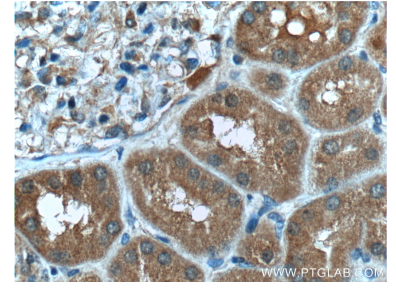
Selected Validation Data



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).