SDCCAG8 Monoclonal antibody

Catalog Number:**66284-1-Ig**

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Basic Information

Catalog Number:	66284-1-Ig
Size:	1907 μg/ml
Source:	Mouse
Isotype:	IgG2b
Immunogen Catalog Number:	AG4264

GenBank Accession Number:	BC032454
GeneID (NCBI):	10806
UNIPROT ID:	Q86SQ7
Full Name:	serologically defined colon cancer antigen 8
Calculated MW:	713 aa, 83 kDa
Observed MW:	83 kDa

Purification Method:	Protein A purification
CloneNo.:	2H1A4
Recommended Dilutions:	WB 1:500-1:2000 IHC 1:50-1:500

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℃. 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

Selected Validation Data
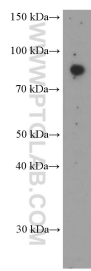
HEK-293 cells were subjected to SDS PAGE followed by western blot with 66284-1-Ig (SDCCAG8 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.
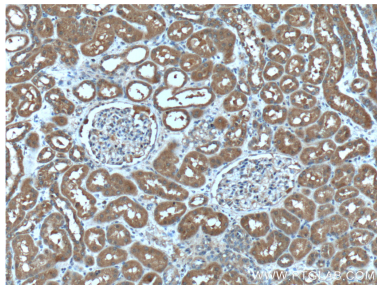
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 66284-1-Ig (SDCCAG8 Antibody) at dilution of 1:200 (under 10x lens).
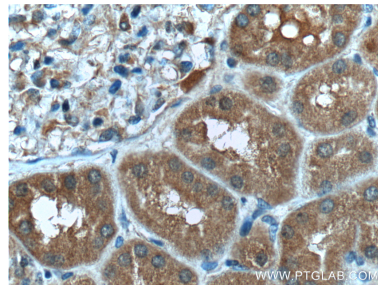
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 66284-1-Ig (SDCCAG8 Antibody) at dilution of 1:200 (under 40x lens).