

For Research Use Only

SDCCAG8 Polyclonal antibody

Catalog Number: 13471-1-AP

Featured Product

11 Publications



Basic Information

Catalog Number:

13471-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 293 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

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:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

IF/ICC 1:400-1:1600

Applications

Tested Applications:

IHC, IF/ICC, ELISA

Cited Applications:

WB, IHC, IF, IP

Species Specificity:

human, mouse, rat, canine, zebrafish

Cited Species:

human, mouse, rat, zebrafish

Positive Controls:

IHC : mouse brain tissue,

IF/ICC : HeLa cells,

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

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. SDCCAG8 has 4 isoforms with MW 83,78,73 and 41 kDa (refer to UniProt). Catalog#13471-1-AP can recognize all the four isoforms.

Notable Publications

Author	Pubmed ID	Journal	Application
Rannar Airik	24722439	J Am Soc Nephrol	WB, IHC, IF
Patil H H	22825473	Cell Death Dis	WB, IF
Stefanie Jäger	22190034	Nature	WB

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

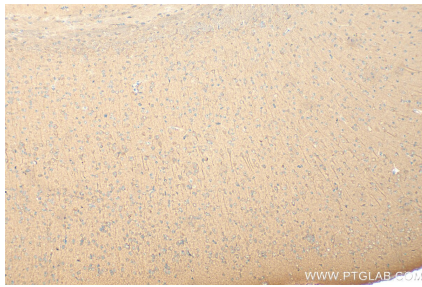
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

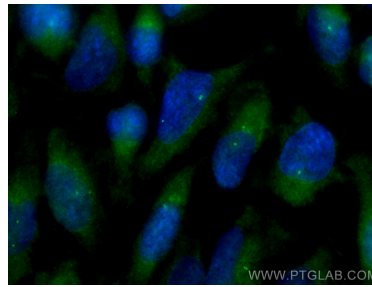
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 13471-1-AP (SDCCAG8 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using SDCCAG8 antibody (13471-1-AP) at dilution of 1:800 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).