

For Research Use Only

SDCCAG3 Polyclonal antibody

Catalog Number: 15969-1-AP

Featured Product

9 Publications



Basic Information

Catalog Number: 15969-1-AP	GenBank Accession Number: BC014515	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10807	Recommended Dilutions: WB 1:200-1:1000 IHC 1:20-1:200 IF 1:20-1:200
Source: Rabbit	Full Name: serologically defined colon cancer antigen 3	
Isotype: IgG	Calculated MW: 412 aa, 46 kDa	
Immunogen Catalog Number: AG8745	Observed MW: 48-60 kDa	

Applications

Tested Applications:

IF, IHC, WB, ELISA

Cited Applications:

IF, IHC, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, rat, mouse

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 : HeLa cells, mouse testis tissue, rat testis tissue

IHC : human colon cancer tissue,

IF : HepG2 cells,

Background Information

SDCCAG3, also named as NY-CO-3, is identified as serologically defined colon cancer antigen-3. It is an endosomal protein which is involved in the regulation of cytokinesis. SDCCAG3 is involved in modulation of TNF response. This gene has four isoforms with MW 40-50 kDa. Observed MW this protein is 48-60 kDa may due to phosphorylation.

Notable Publications

Author	Pubmed ID	Journal	Application
Fangyan Yu	27767179	Sci Rep	WB, IF
Ian J McGough	25278552	J Cell Sci	WB, IF
Ian J McGough	24980502	Curr Biol	WB, IF

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

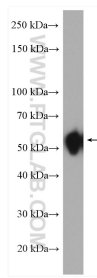
For technical support and original validation data for this product please contact:

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

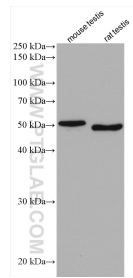
E: proteintech@ptglab.com
W: ptglab.com

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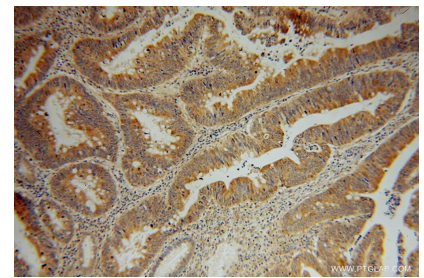
Selected Validation Data



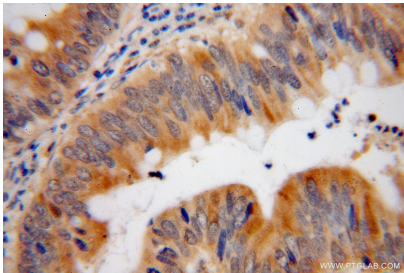
HeLa cells were subjected to SDS PAGE followed by western blot with 15969-1-AP (SDCCAG3 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



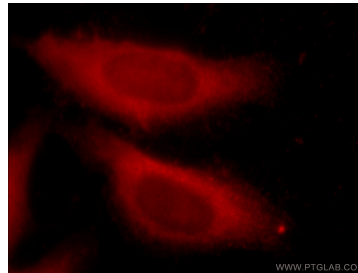
Various lysates were subjected to SDS PAGE followed by western blot with 15969-1-AP (SDCCAG3 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer using 15969-1-AP (SDCCAG3 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon cancer using 15969-1-AP (SDCCAG3 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells using 15969-1-AP (SDCCAG3 antibody) at dilution of 1:50.