

For Research Use Only

SDCCAG1 Polyclonal antibody

Catalog Number: 11840-1-AP

Featured Product

13 Publications



Basic Information

Catalog Number:

11840-1-AP

Size:

800 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2467

GenBank Accession Number:

BC020794

GeneID (NCBI):

9147

UNIPROT ID:

O60524

Full Name:

serologically defined colon cancer antigen 1

Calculated MW:

1076 aa, 123 kDa

Observed MW:

130-140 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:250-1:1000

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, 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 : HEK-293 cells, Jurkat cells

IP : A549 cells,

IHC : human lung cancer tissue,

Background Information

SDCCAG1, also named as NEMF, is a nuclear export mediator. It can be bound to translocon-engaged 60S subunits on native ER membranes. Human SDCCAG1 has been implicated in lung cancers and it may function as a tumor suppressor gene. SDCCAG1 inactivation contributes to the transformed state of human lung cancer cells (PMID:16103875, 10575219). NEMF is also regarded as a potential biomarker for the detection of active and latent TB infections (PMID: 26818387).

Notable Publications

Author	Pubmed ID	Journal	Application
Paige B Martin	32934225	Nat Commun	WB
Suman Rimal	34663454	Acta Neuropathol Commun	WB,IF
Anna Thrun	33909987	Mol Cell	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

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

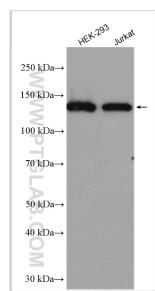
T: 4006900926

E: Proteintech-CN@ptglab.com

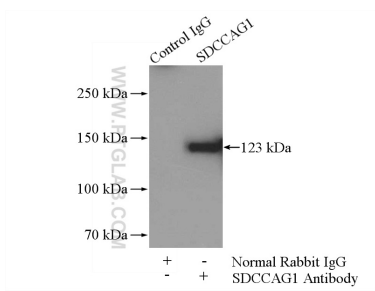
W: ptgcn.com

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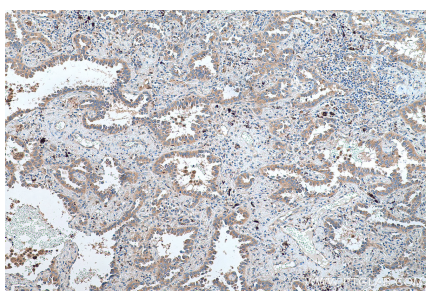
Selected Validation Data



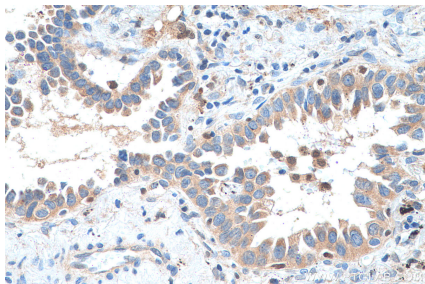
Various lysates were subjected to SDS PAGE followed by western blot with 11840-1-AP (SDCCAG1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



IP result of anti-SDCCAG1 (IP:11840-1-AP, 4ug; Detection:11840-1-AP 1:500) with A549 cells lysate 1800ug.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 11840-1-AP (SDCCAG1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 11840-1-AP (SDCCAG1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).