

For Research Use Only

SCRN3 Polyclonal antibody

Catalog Number: 13240-1-AP



Basic Information

Catalog Number:

13240-1-AP

Concentration:

300 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3777

GenBank Accession Number:

BC031821

GeneID (NCBI):

79634

UNIPROT ID:

Q0VDG4

Full Name:

secernin 3

Calculated MW:

424 aa, 49 kDa

Observed MW:

49 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2400

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

IHC 1:20-1:200

IF/ICC 1:10-1:100

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Species Specificity:

human, mouse, rat

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 : HepG2 cells, A549 cells, HEK-293 cells

IP : HEK-293 cells,

IHC : human kidney tissue, human pancreas tissue

IF/ICC : HepG2 cells,

Background Information

SCRN genes encode protein members of the secernin family including Secernin 1, Secernin 2 and Secernin 3. Function of Secernin 2 and Secernin 3 are so far not well understood. Secernin 1 is a novel 50-kDa cytosolic protein that appears to be involved in the regulation of exocytosis from peritoneal mast cells. Secernin-1 a novel tumor-associated antigen (TAA) and may be a universal marker of different cancer types including gastric cancer, which has been validated by several researches. Measurement of SCRNI can be used in the early detection of cancer or in the surveillance of patients who undergo surgery.

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:

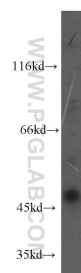
T: 4006900926

E: Proteintech-CN@ptglab.com

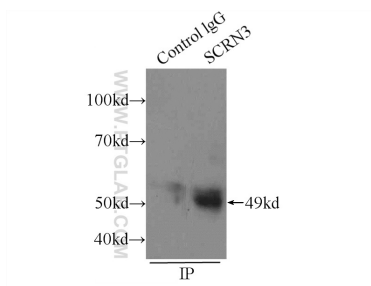
W: ptgcn.com

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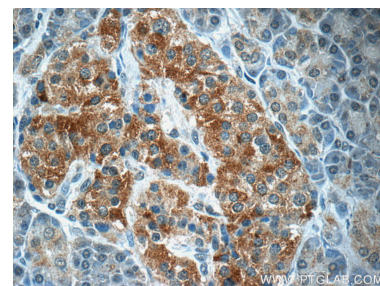
Selected Validation Data



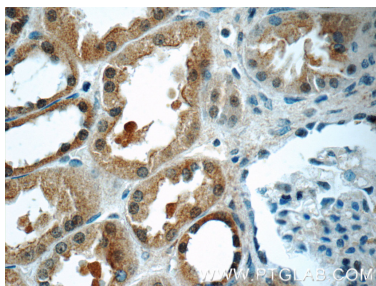
HepG2 cells were subjected to SDS PAGE followed by western blot with 13240-1-AP (SCR3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



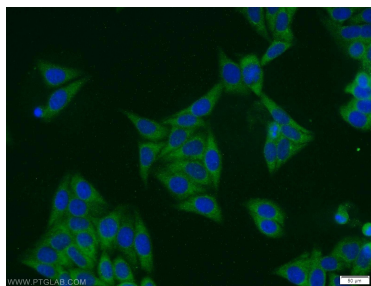
IP result of anti-SCR3 (IP:13240-1-AP, 4ug; Detection:13240-1-AP 1:800) with HEK-293 cells lysate 1760ug.



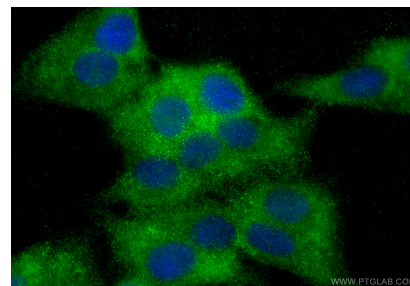
Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 13240-1-AP (SCR3 Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 13240-1-AP (SCR3 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells using 13240-1-AP (SCR3 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated Goat Anti-Rabbit IgG(H+L).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using SCR3 antibody (13240-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).