

For Research Use Only

SCRN3 Polyclonal antibody

Catalog Number: 13240-1-AP



Basic Information

Catalog Number: 13240-1-AP	GenBank Accession Number: BC031821	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 300 µg/ml by Nanodrop and 240 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 79634	Recommended Dilutions: WB 1:500-1:2400 IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: secernin 3	IHC 1:20-1:200 IF 1:10-1:100
Isotype: IgG	Calculated MW: 424 aa, 49 kDa	
Immunogen Catalog Number: AG3777	Observed MW: 49 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : HepG2 cells, A549 cells, HEK-293 cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IP : HEK-293 cells,
	IHC : human kidney tissue, human pancreas tissue
	IF : 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

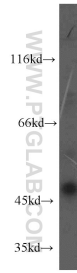
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

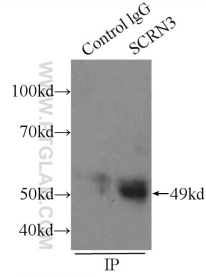
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

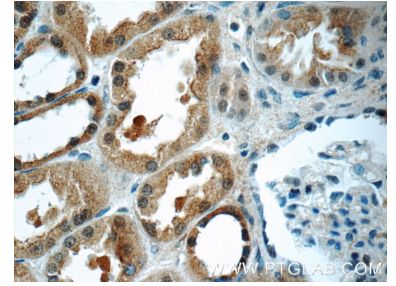
Selected Validation Data



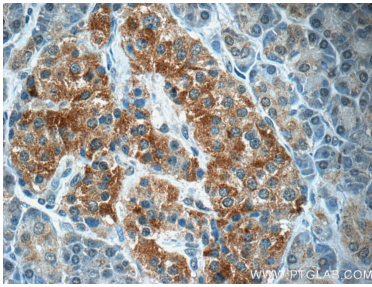
HepG2 cells were subjected to SDS PAGE followed by western blot with 13240-1-AP (SCRN3 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



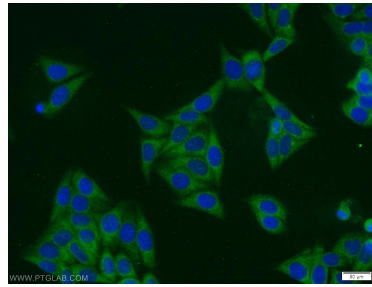
IP Result of anti-SCRN3 (IP:13240-1-AP, 4ug; Detection:13240-1-AP 1:800) with HEK-293 cells lysate 1760ug.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 13240-1-AP (SCRN3 Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human pancreas tissue slide using 13240-1-AP (SCRN3 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells using 13240-1-AP (SCRN3 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).