

For Research Use Only

SCRN1 Polyclonal antibody

Catalog Number: 14303-1-AP

3 Publications



Basic Information

Catalog Number:

14303-1-AP

Size:

150ul, Concentration: 200 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5413

GenBank Accession Number:

BC040492

GeneID (NCBI):

9805

UNIPROT ID:

Q12765

Full Name:

secernin 1

Calculated MW:

46 kDa

Observed MW:

50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, ColP

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 : A549 cells, HeLa cells, mouse brain tissue

IHC : human stomach cancer tissue,

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 SCR1 can be used in the early detection of cancer or in the surveillance of patients who undergo surgery.

Notable Publications

Author	Pubmed ID	Journal	Application
Seong-Hun Chang	23211594	Biochem Biophys Res Commun	WB
Xiaoxia Li	38025258	Front Mol Neurosci	WB
Xueyao Ma	37381178	J Mol Cell Biol	ColP

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

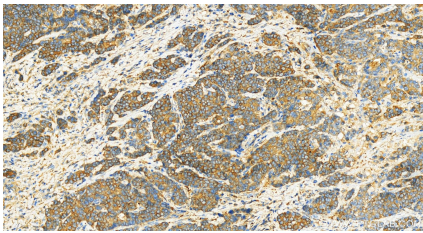
For technical support and original validation data for this product please contact:

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

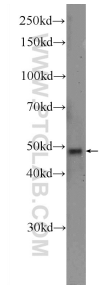
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded stomach cancer slide using 14303-1-AP (SCR1 antibody) at dilution of 1:100 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



A549 cells were subjected to SDS PAGE followed by western blot with 14303-1-AP (SCR1 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.