

SCRN3 Antibody

Catalog # ASC11170

Product Information

Application	WB, IF, ICC, E
Primary Accession	Q0VDG4
Other Accession	AAI19685 , 111601409
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	48544
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	SCRN3 antibody can be used for detection of SCRIN3 by Western blot at 1 - 2 μ g/mL. Antibody can also be used for immunocytochemistry starting at 20 μ g/mL. For immunofluorescence start at 20 μ g/mL.

Additional Information

Gene ID	79634
Other Names	Secernin-3, SCRIN3
Target/Specificity	SCRIN3;
Reconstitution & Storage	SCRIN3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Precautions	SCRIN3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	SCRIN3
Function	Plays a role in thermal nociception.

Background

SCRIN3 Antibody: SCRIN3 is a member of the secernin family of proteins which includes the homologous SCRIN1, a protein that was first identified as being involved in the regulation of exocytosis from peritoneal mast cells. Little is known of SCRIN3, but studies have shown that SCRIN1 may possess epitopes that function as tumor-associated antigens in gastric cancers and increased SCRIN1 expression in patients with colorectal

cancer correlated with poor prognosis, suggesting that SCR3 may also be involved in protein secretion or the regulation of cell growth.

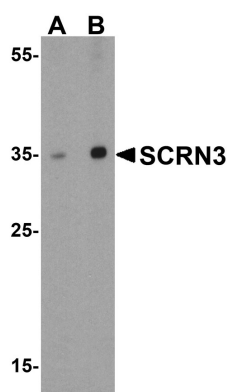
References

Way G, Morrice N, Smythe C, et al. Purification and identification of Secernin, a novel cytosolic protein that regulates exocytosis in mast cells. *Mol. Biol. Cell*2002; 13:3344-54.

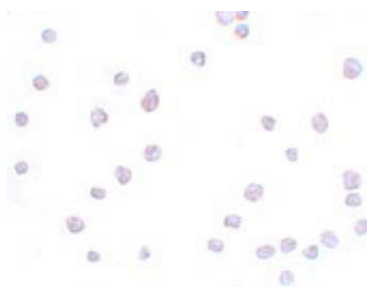
Suda T, Tsunoda T, Uchida N, et al. Identification of secernin 1 as a novel immunotherapy target for gastric cancer using the expression profiles of cDNA microarray. *Cancer Sci.*2006; 97:411-9.

Miyoshi N, Ishii H, Mimori K, et al. SCR1 is a novel marker for prognosis in colorectal cancer. *J. Surg. Oncol.*2010; 101:156-9.

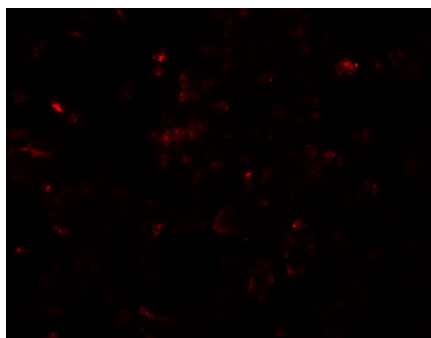
Images



Western blot analysis of SCR3 in human breast tissue lysate with SCR3 antibody at (A) 1 and (B) 2 µg/mL.



Immunocytochemistry of SCR3 in 293 cells with SCR3 antibody at 20 µg/mL.



Immunofluorescence of SCR3 in 293 cells with SCR3 antibody at 20 µg/mL.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.