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SCRN1 Antibody
Catalog # ASC11168

Specification

SCRN1 Antibody - Product Information

Application	**WB, IHC-P, IF, E**
Primary Accession	Q12765
Other Accession	NP_001138985, 224465194
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Application Notes	**SCRN1 antibody can be used for detection of SCRN1 by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 5 µg/mL. For immunofluorescence start at 20 µg/mL.**

SCRN1 Antibody - Additional Information

Gene ID **9805**

Target/Specificity
SCRN1;

Reconstitution & Storage
SCRN1 antibody can be stored at 4℃ for three months and -20℃, 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
SCRN1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

SCRN1 Antibody - Protein Information

Name SCRN1

Synonyms KIAA0193

Function
Regulates exocytosis in mast cells. Increases both the extent of secretion and the sensitivity of mast cells to stimulation with calcium (By similarity).

Cellular Location
Cytoplasm.

SCRN1 Antibody - Protocols

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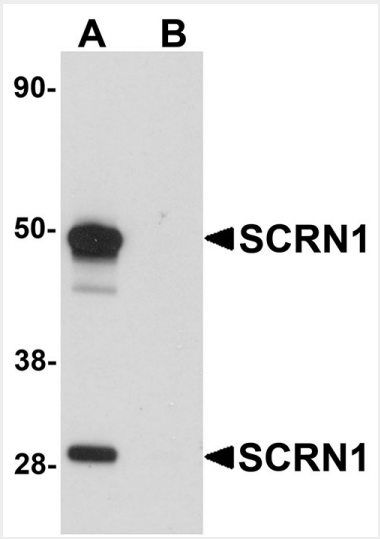
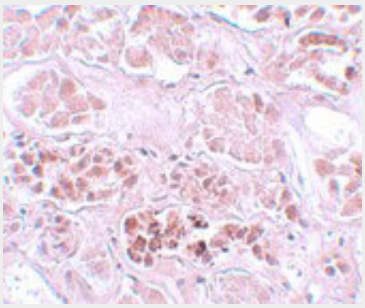
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

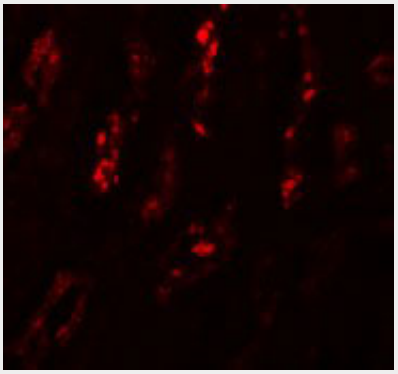
SCRN1 Antibody - Images



Western blot analysis of SCRN1 in human kidney tissue lysate with SCRN1 antibody at 1 µg/mL in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry of SCRN1 in human kidney tissue with SCRN1 antibody at 5 µg/mL.



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Immunofluorescence of SCRN1 in Human Kidney cells with SCRN1 antibody at 20 µg/mL.

SCRN1 Antibody - Background

SCRN1 Antibody: SCRN1 was first identified as a cytosolic protein that is involved in the regulation of exocytosis from peritoneal mast cells. More recent studies have shown that SCRN1 expression is upregulated in gastric cancer cell lines and may possess epitopes that could function as tumor-associated antigens, potentially providing targets for cancer vaccines in the treatment of gastric cancers. Another report indicates that decreased expression of SCRN1 via RNAi expression resulted in significantly lower rates of cell growth in colorectal cancer cell lines, and increased SCRN1 expression in patients with colorectal cancer correlated with poor prognosis, suggesting that SCRN1 may also be involved in the regulation of cell growth and might be useful as a prognostic tool.

SCRN1 Antibody - 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. Cell2002; 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. SCRN1 is a novel marker for prognosis in colorectal cancer. J. Surg. Oncol.2010; 101:156-9.