

# SCRN1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP5266a

## Product Information

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|--------------------------|--------------------------------------------------------------------------|
| <b>Application</b>       | WB, IHC-P, FC, E                                                         |
| <b>Primary Accession</b> | <a href="#">Q12765</a>                                                   |
| <b>Other Accession</b>   | <a href="#">Q6AY84</a> , <a href="#">Q9CZC8</a> , <a href="#">P83939</a> |
| <b>Reactivity</b>        | Human                                                                    |
| <b>Predicted</b>         | Bovine, Rat                                                              |
| <b>Host</b>              | Rabbit                                                                   |
| <b>Clonality</b>         | Polyclonal                                                               |
| <b>Isotype</b>           | Rabbit IgG                                                               |
| <b>Clone Names</b>       | RB26453                                                                  |
| <b>Calculated MW</b>     | 46382                                                                    |
| <b>Antigen Region</b>    | 10-37                                                                    |

## Additional Information

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|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 9805                                                                                                                                                                         |
| <b>Other Names</b>        | Secernin-1, SCRNI, KIAA0193                                                                                                                                                  |
| <b>Target/Specificity</b> | This SCRNI antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 10-37 amino acids from the N-terminal region of human SCRNI.         |
| <b>Dilution</b>           | WB~~1:1000 IHC-P~~1:100~500 FC~~1:10~50 E~~Use at an assay dependent concentration.                                                                                          |
| <b>Format</b>             | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| <b>Storage</b>            | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.                                      |
| <b>Precautions</b>        | SCRNI Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.                                                                    |

## Protein Information

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|-----------------|----------|
| <b>Name</b>     | SCRNI    |
| <b>Synonyms</b> | 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.

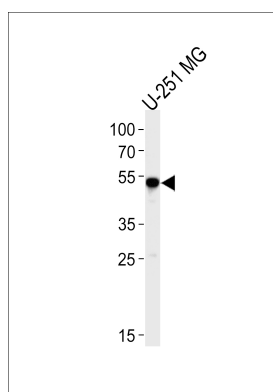
## Background

This gene likely encodes a member of the secernin family of proteins. A similar protein in rat functions in regulation of exocytosis in mast cells. Alternatively spliced transcript variants have been described.

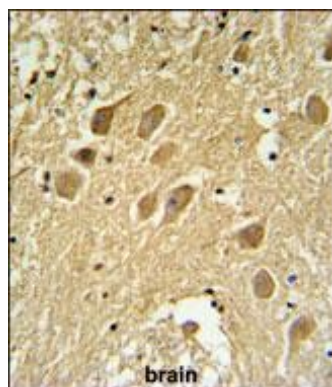
## References

Suda, T., et al. Cancer Sci. 97(5):411-419(2006)  
Way, G., et al. Mol. Biol. Cell 13(9):3344-3354(2002)

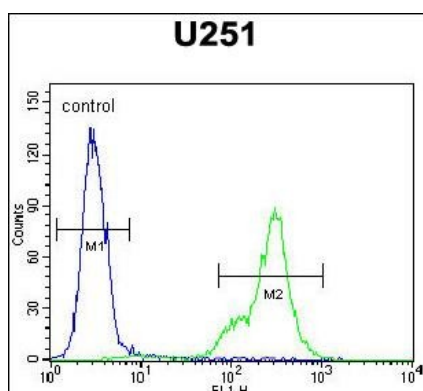
## Images



Western blot analysis of lysate from U-251 MG cell line, using SCRN1 Antibody (N-term)(Cat. #AP5266a). AP5266a was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.



SCRN1 Antibody (N-term) (Cat. #AP5266a) IHC analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the SCRN1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



SCRN1 Antibody (N-term) (Cat. #AP5266a) flow cytometric analysis of U251 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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