

# Product Datasheet

## Syntenin 1 Antibody - BSA Free NBP1-86979

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-86979**

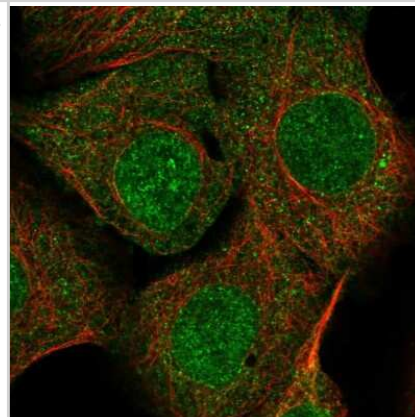
Syntenin 1 Antibody - BSA Free

| Product Information         |                                                                                                                                                                                                                                                              |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 ml                                                                                                                                                                                                                                                       |
| Concentration               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.                                                                                                                                             |
| Storage                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                                                                                                                                                                       |
| Clonality                   | Polyclonal                                                                                                                                                                                                                                                   |
| Preservative                | 0.02% Sodium Azide                                                                                                                                                                                                                                           |
| Isotype                     | IgG                                                                                                                                                                                                                                                          |
| Purity                      | Immunogen affinity purified                                                                                                                                                                                                                                  |
| Buffer                      | PBS (pH 7.2) and 40% Glycerol                                                                                                                                                                                                                                |
| Product Description         |                                                                                                                                                                                                                                                              |
| Description                 | Novus Biologicals Rabbit Syntenin 1 Antibody - BSA Free (NBP1-86979) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-Syntenin 1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                        | Rabbit                                                                                                                                                                                                                                                       |
| Gene ID                     | 6386                                                                                                                                                                                                                                                         |
| Gene Symbol                 | SDCBP                                                                                                                                                                                                                                                        |
| Species                     | Human                                                                                                                                                                                                                                                        |
| Reactivity Notes            | Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (88%), Rat (89%). Human reactivity reported in scientific literature (PMID: 24305713).                                                                        |
| Immunogen                   | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>ANVAVVSGAPLQGQLVARPSSINYMVAPVTGNDVGIRRAEIKQGIREVILCKDQ<br>DGKIGLRLKSI                                                                                               |
| Product Application Details |                                                                                                                                                                                                                                                              |
| Applications                | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry                                                                                                                                                    |
| Recommended Dilutions       | Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50-1:200                                                                                             |
| Application Notes           | IHC reported in scientific literature (PMID: 24305713). For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.                                                                                        |

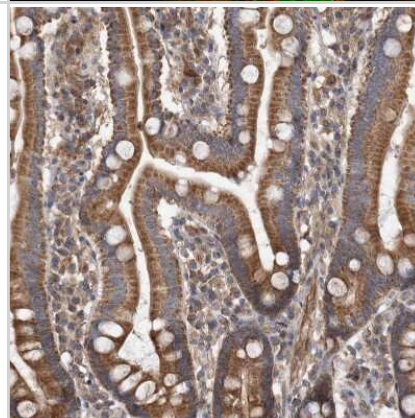


## Images

Immunocytochemistry/Immunofluorescence: Syntenin 1 Antibody [NBP1-86979] - Immunofluorescent staining of human cell line A-431 shows localization to nucleoplasm, nuclear membrane & cytosol.



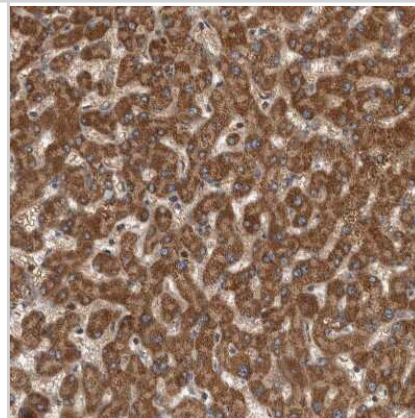
Immunohistochemistry-Paraffin: Syntenin 1 Antibody [NBP1-86979] - Staining of human duodenum shows moderate cytoplasmic positivity in glandular cells.



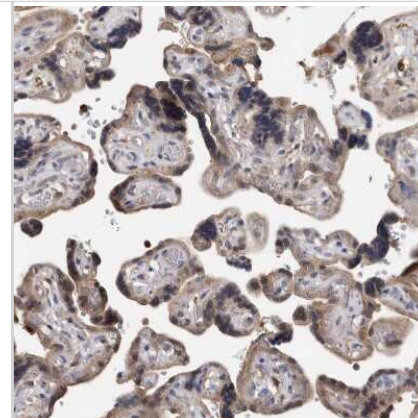
Immunohistochemistry-Paraffin: Syntenin 1 Antibody [NBP1-86979] - Staining of human lymph node shows strong cytoplasmic positivity in germinal center cells.



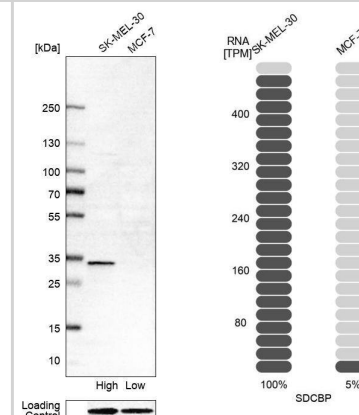
Immunohistochemistry-Paraffin: Syntenin 1 Antibody [NBP1-86979] - Staining of human liver shows strong cytoplasmic positivity in hepatocytes.



Immunohistochemistry-Paraffin: Syntenin 1 Antibody [NBP1-86979] - Staining of human placenta shows weak cytoplasmic positivity in trophoblastic cells.



Analysis in human cell line SK-MEL-30 and human cell line MCF-7.



## Publications

Kegelman TP, Das SK, Hu B et al. MDA-9/syntenin is a key regulator of glioma pathogenesis. *Neuro Oncol* 2014-01-01 [PMID: 24305713] (IF/IHC, Human)



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### **Products Related to NBP1-86979**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP1-86979PEP | Syntenin 1 Recombinant Protein Antigen              |
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891    | Rabbit IgG Isotype Control                          |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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