

# Product Datasheet

## SWAP70 Antibody - BSA Free

### NBP1-82979

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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**NBP1-82979**

SWAP70 Antibody - BSA Free

**Product Information**

|                      |  |
|----------------------|--|
| <b>Unit Size</b>     | 0.1 ml   |
| <b>Concentration</b> | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>       | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                           |
| <b>Clonality</b>     | Polyclonal   |
| <b>Preservative</b>  | 0.02% Sodium Azide   |
| <b>Isotype</b>       | IgG  |
| <b>Purity</b>        | Immunogen affinity purified  |
| <b>Buffer</b>        | PBS (pH 7.2) and 40% Glycerol  |

**Product Description**

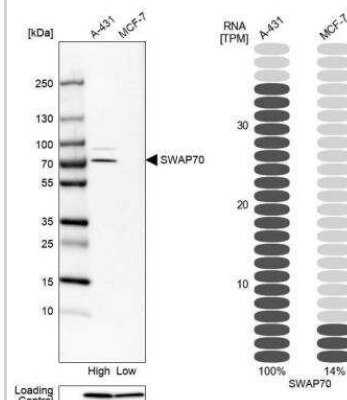
|                    |   |
|--------------------|---|
| <b>Description</b> | Novus Biologicals Rabbit SWAP70 Antibody - BSA Free (NBP1-82979) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. Anti-SWAP70 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>        | Rabbit  |
| <b>Gene ID</b>     | 23075   |
| <b>Gene Symbol</b> | SWAP70  |
| <b>Species</b>     | Human, Mouse, Rat   |
| <b>Immunogen</b>   | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>KLEEAASRAAEKRLQTQVELQARFSTELEREKLIRQQMEEQVAQKSSELE<br>QYLQRVRELEDMYKLQEALEDERQARQDEETVRKLQAR   |

**Product Application Details**

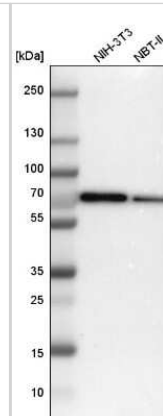
|                              |   |
|------------------------------|---|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry   |
| <b>Recommended Dilutions</b> | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence validated for ICC/IF from a verified customer review., Immunohistochemistry-Paraffin 1:50 - 1:200 |
| <b>Application Notes</b>     | For IHC-Paraffin, HIER pH 6 retrieval is recommended.   |

**Images**

Western Blot: SWAP70 Antibody [NBP1-82979] - Analysis in human cell lines A-431 and MCF-7. Corresponding RNA-seq data are presented for the same cell lines. Loading control: Anti-PPIB.



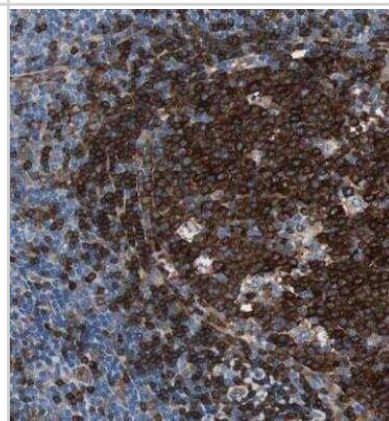
Western Blot: SWAP70 Antibody [NBP1-82979] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



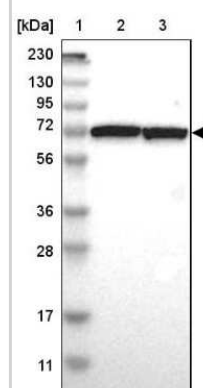
Immunocytochemistry/Immunofluorescence: SWAP70 Antibody [NBP1-82979] - Human dendritic cells were pulsed with FITC-labeled zymosan (zymosan-FITC; green in merge)(pink arrowheads) and latex beads (yellow arrowhead) followed by immunostaining for SWAP70 (magenta). Scale bars, 10  $\mu$ m. Image from a verified customer review.



Immunohistochemistry-Paraffin: SWAP70 Antibody [NBP1-82979] - Staining of human lymph node shows strong cytoplasmic positivity in germinal center cells.



Western Blot: SWAP70 Antibody [NBP1-82979] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG sp



## Publications

MV Baranov, NH Revelo, DRJ Verboogen, M Ter Beest, G van den Bo SWAP70 is a universal GEF-like adapter for tethering actin to phagosomes Small GTPases, 2018-02-09;0(0):0. 2018-02-09 [PMID: 28489960] (Western Blot, Immunocytochemistry, Human, Mouse)

Maksim V. Baranov, Natalia H. Revelo, Ilse Dingjan, et al. SWAP70 Organizes the Actin Cytoskeleton and Is Essential for Phagocytosis. Cell Rep. 2016-11-01 [PMID: 27806292] (WB, ICC, Mouse, Human)





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### **Products Related to NBP1-82979**

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|               |   |
|---------------|---|
| NBP1-82979PEP | SWAP70 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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