

# Product Datasheet

## SUG1 Antibody - BSA Free

### NBP1-87372

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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**NBP1-87372**

SUG1 Antibody - BSA Free

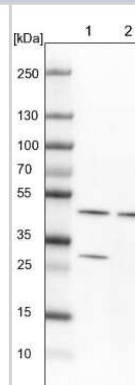
| Product Information  |  |
|----------------------|--|
| <b>Unit Size</b>     | 0.1 ml   |
| <b>Concentration</b> | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>       | Store at 4C short term. Aliquot and store at -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>        | Affinity purified  |
| <b>Buffer</b>        | PBS (pH 7.2) and 40% Glycerol  |

| Product Description |  |
|---------------------|--|
| <b>Description</b>  | Novus Biologicals Rabbit SUG1 Antibody - BSA Free (NBP1-87372) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.     |
| <b>Host</b>         | Rabbit   |
| <b>Gene ID</b>      | 5705   |
| <b>Gene Symbol</b>  | PSMC5  |
| <b>Species</b>      | Human, Mouse, Rat  |
| <b>Immunogen</b>    | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>LDSALLRPGRIDRKIEFPPPNEEARLDILKIHSRKMNLTRGINLRKIAELMPGASG<br>AEVKGVCTEAGMYALRERRVHVTQEDFEMAVAKVMQKDSEKNMSIKKLLWK |

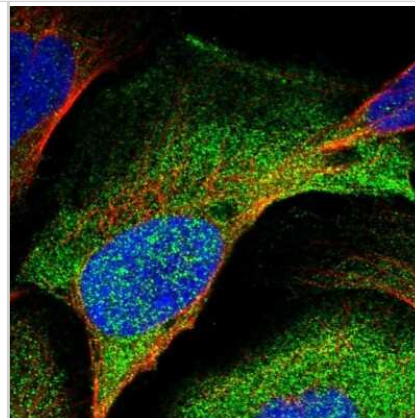
| Product Application Details  |  |
|------------------------------|--|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry  |
| <b>Recommended Dilutions</b> | Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500 |
| <b>Application Notes</b>     | For IHC-Paraffin, HIER pH 6 retrieval is recommended.<br>Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.                   |

**Images**

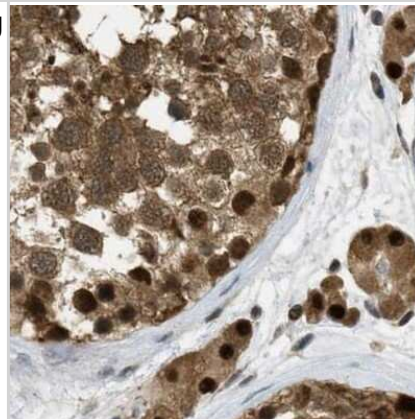
Western Blot: SUG1 Antibody [NBP1-87372] - Lane 1: NIH-3T3 cell lysate (Mouse embryonic fibroblast cells). Lane 2: NBT-II cell lysate (Rat Wistar bladder tumor cells).



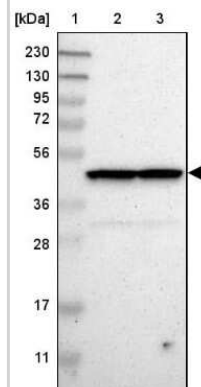
Immunocytochemistry/Immunofluorescence: SUG1 Antibody [NBP1-87372] - Immunofluorescent staining of human cell line U-2 OS shows localization to plasma membrane & cytosol.



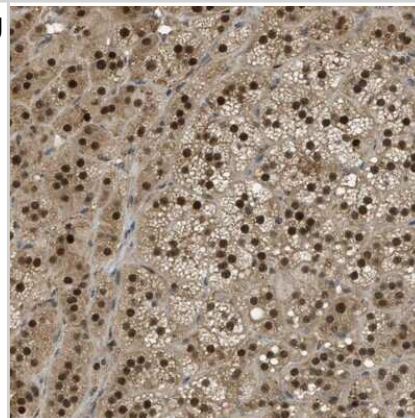
Immunohistochemistry-Paraffin: SUG1 Antibody [NBP1-87372] - Staining of human testis.



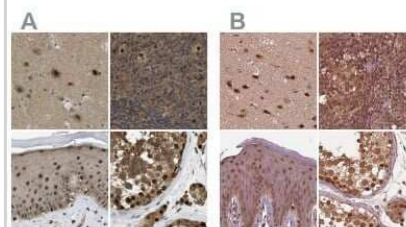
Western Blot: SUG1 Antibody [NBP1-87372] - Lane 1: Marker [kDa] 230, 130, 95, 72, 56, 36, 28, 17, 11. Lane 2: Human cell line RT-4. Lane 3: Human cell line U-251MG



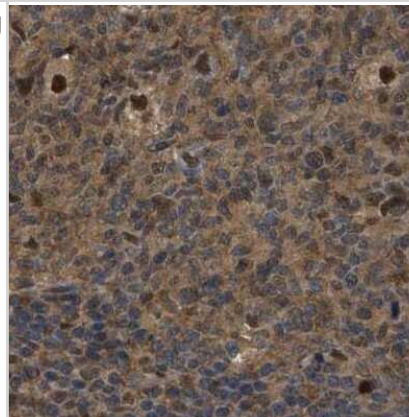
Immunohistochemistry-Paraffin: SUG1 Antibody [NBP1-87372] - Staining of human adrenal gland shows nuclear and cytoplasmic positivity in cortical cells.



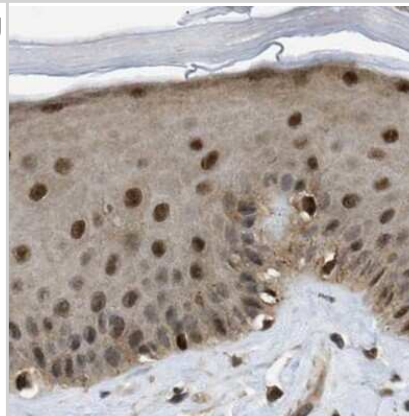
Immunohistochemistry-Paraffin: SUG1 Antibody [NBP1-87372] - Staining of human cerebral cortex, lymph node, skin and testis using Anti-PSMC5 antibody NBP1-87372 (A) shows similar protein distribution across tissues to independent antibody NBP2-57621 (B).



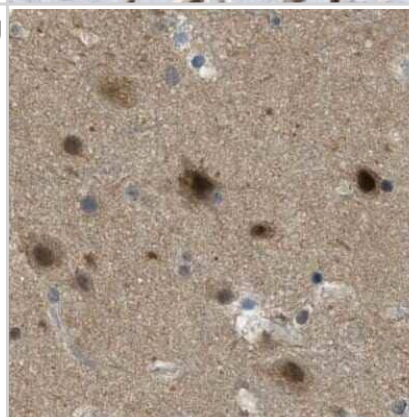
Immunohistochemistry-Paraffin: SUG1 Antibody [NBP1-87372] - Staining of human lymph node.



Immunohistochemistry-Paraffin: SUG1 Antibody [NBP1-87372] - Staining of human skin.



Immunohistochemistry-Paraffin: SUG1 Antibody [NBP1-87372] - Staining of human cerebral cortex.





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### **Products Related to NBP1-87372**

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|               |   |
|---------------|---|
| NBP1-87372PEP | SUG1 Recombinant Protein Antigen                    |
| NBP2-33376H   | Blue Marker Antibody (6F4-F6) [HRP]                 |
| 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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