

# Product Datasheet

## SMYD2 Antibody - BSA Free

### NBP1-83186

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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**NBP1-83186**

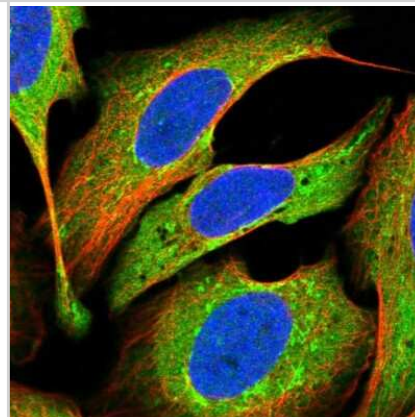
SMYD2 Antibody - BSA Free

| 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         |                                                                                                                                                                                                       |
| Host                        | Rabbit                                                                                                                                                                                                |
| Gene ID                     | 56950                                                                                                                                                                                                 |
| Gene Symbol                 | SMYD2                                                                                                                                                                                                 |
| Species                     | Human                                                                                                                                                                                                 |
| Immunogen                   | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>KLLAVKEFESHLDKLDNEKKDLIQSDIAALHHFYSKHLEFPDNDLVLFAQVNC<br>NGFTIEDEELSHLGSAIFPDVALMNHSCCPNVIVTYKGTLAEVRAVQEIKP |
| Product Application Details |                                                                                                                                                                                                       |
| Applications                | Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin                                                                                                          |
| Recommended Dilutions       | Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200                                                                   |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.                                                                                         |

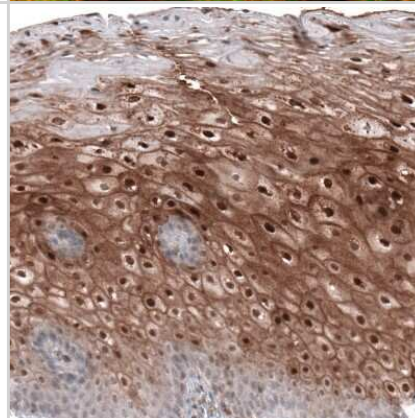


## Images

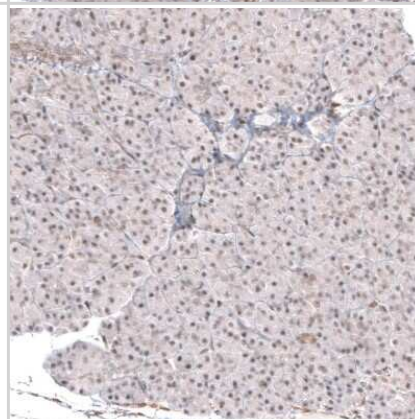
Immunocytochemistry/Immunofluorescence: SMYD2 Antibody [NBP1-83186] - Staining of human cell line U-2 OS shows localization to cytosol & mitochondria. Antibody staining is shown in green.



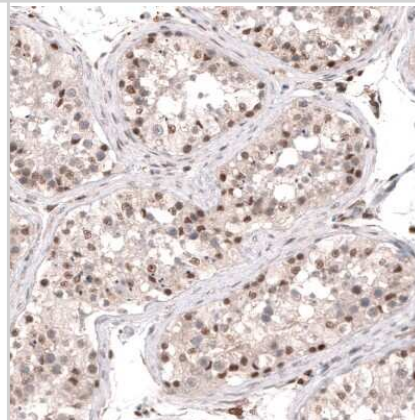
Immunohistochemistry-Paraffin: SMYD2 Antibody [NBP1-83186] - Staining of human uterine cervix shows moderate to strong nuclear positivity in squamous epithelial cells.



Immunohistochemistry-Paraffin: SMYD2 Antibody [NBP1-83186] - Staining of human pancreas shows weak nuclear positivity in glandular cells.



Immunohistochemistry-Paraffin: SMYD2 Antibody [NBP1-83186] - Staining of human testis shows moderate to strong nuclear positivity in a subset of cells in seminiferous ducts.





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### **Products Related to NBP1-83186**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| NBP1-83186PEP | SMYD2 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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