

# Product Datasheet

## SAGE1 Antibody - BSA Free NBP1-84354

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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### Publications: 1

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**NBP1-84354**

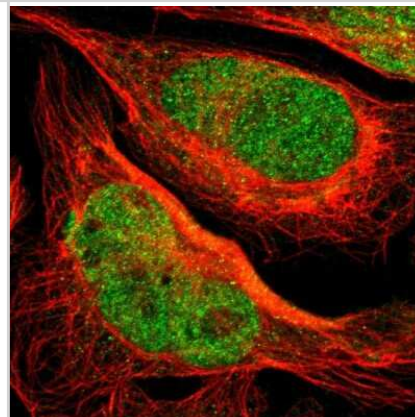
SAGE1 Antibody - BSA Free

| <b>Product Information</b>         |   |
|------------------------------------|---|
| <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   |
| <b>Product Description</b>         |   |
| <b>Host</b>                        | Rabbit  |
| <b>Gene ID</b>                     | 55511   |
| <b>Gene Symbol</b>                 | SAGE1   |
| <b>Species</b>                     | Human   |
| <b>Reactivity Notes</b>            | Human reactivity reported in scientific literature (PMID: 26252478).  |
| <b>Immunogen</b>                   | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>HSVREEKMESGKPQTDKVISNDAPQLGHMAAGGIPSMSTKDLYATVTQNVHE<br>ERMENNQPQPSYDLSTVLPGLTYLTVAGIPAMSTRDQYATVTHNVHEEKIKNG<br>QAASDNVFSVPPAFINMAATGVSSMSTRDQYAAVTHNIR |
| <b>Product Application Details</b> |   |
| <b>Applications</b>                | Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry  |
| <b>Recommended Dilutions</b>       | Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500   |
| <b>Application Notes</b>           | IHC reported in scientific literature (PMID: 26252478). For IHC-Paraffin, HIER pH 6 retrieval is recommended. Immunocytochemistry/Immunofluorescence Fixation Permeabilization: Use PFA/Triton X-100.   |

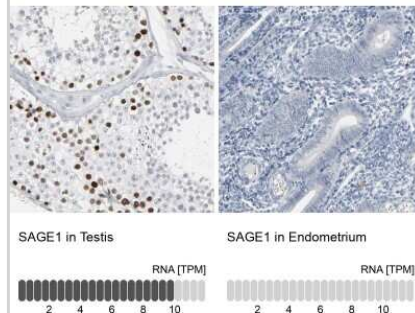


## Images

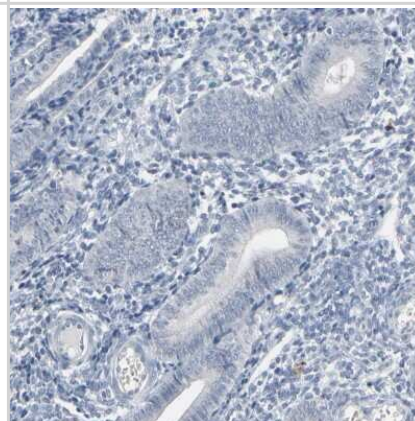
Immunocytochemistry/Immunofluorescence: SAGE1 Antibody [NBP1-84354] - Staining of human cell line U-2 OS shows localization to nucleus.



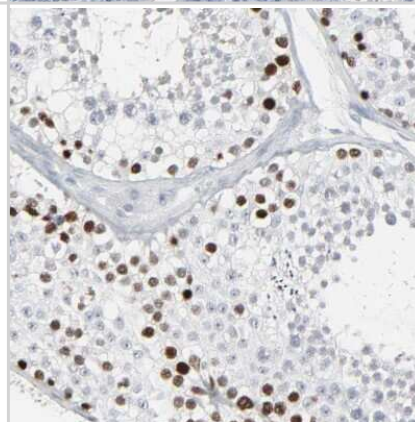
Immunohistochemistry-Paraffin: SAGE1 Antibody [NBP1-84354] - Staining in human testis and endometrium tissues using anti-SAGE1 antibody. Corresponding SAGE1 RNA-seq data are presented for the same tissues.



Immunohistochemistry-Paraffin: SAGE1 Antibody [NBP1-84354] - Staining of human endometrium shows low expression as expected.



Immunohistochemistry-Paraffin: SAGE1 Antibody [NBP1-84354] - Staining of human testis shows high expression.



## Publications

Maheswaran E, Pedersen CB, Ditzel HJ, Gjerstorff MF. Lack of ADAM2, CALR3 and SAGE1 Cancer/Testis Antigen Expression in Lung and Breast Cancer. PLoS One 2015-01-01 [PMID: 26252478] (IF/IHC, Human)



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### **Products Related to NBP1-84354**

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|               |   |
|---------------|---|
| NBP1-84354PEP | SAGE1 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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