

# Product Datasheet

## Phosphopantothenate-cysteine ligase Antibody - BSA Free NBP1-87398

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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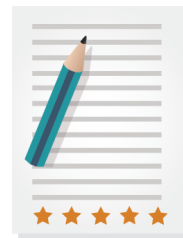
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**NBP1-87398****Phosphopantothenate-cysteine ligase Antibody - BSA Free**

| <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>              | Immunogen affinity purified                                                                                      |
| <b>Buffer</b>              | PBS (pH 7.2) and 40% Glycerol                                                                                    |

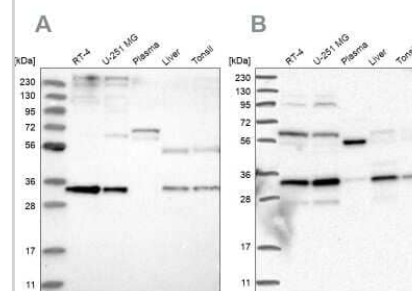
| <b>Product Description</b> |                                                                                                                                                                                                                                     |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | Novus Biologicals Rabbit Phosphopantothenate-cysteine ligase Antibody - BSA Free (NBP1-87398) 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>             | 79717                                                                                                                                                                                                                               |
| <b>Gene Symbol</b>         | PPCS                                                                                                                                                                                                                                |
| <b>Species</b>             | Human                                                                                                                                                                                                                               |
| <b>Immunogen</b>           | This antibody was developed against Recombinant Protein corresponding to amino acids:<br>VLFLYRARSAPFYAHRFPQTWLSALRPSGPALSGLLSLEAEENALPGFAEALR<br>SYQEAAAAGTFLAVEFTTLADY                                                            |

| <b>Product Application Details</b> |                                                                                                                                                                  |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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.                 |

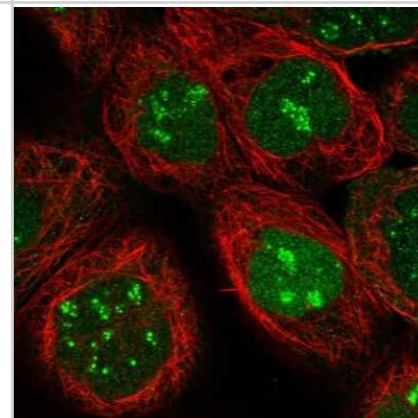


## Images

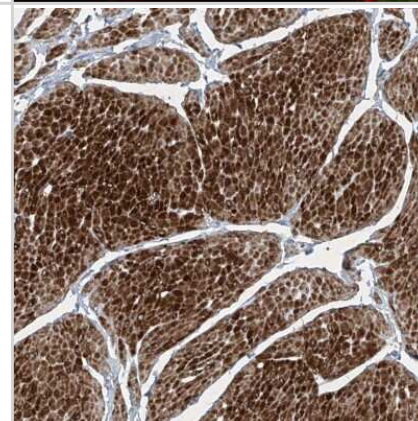
Western Blot: Phosphopantothenate-cysteine ligase Antibody [NBP1-87398] - Analysis using Anti-PPCS antibody NBP1-87398 (A) shows similar pattern to independent antibody NBP2-38181 (B).



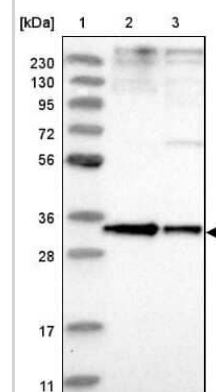
Immunocytochemistry/Immunofluorescence: Phosphopantothenate-cysteine ligase Antibody [NBP1-87398] - Staining of human cell line A-431 shows localization to nucleus & nucleoli fibrillar center.



Immunohistochemistry-Paraffin: Phosphopantothenate-cysteine ligase Antibody [NBP1-87398] - Staining of human smooth muscle shows distinct cytoplasmic positivity in smooth muscle cells.



Western Blot: Phosphopantothenate-cysteine ligase Antibody [NBP1-87398] - 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





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### **Products Related to NBP1-87398**

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|               |                                                                 |
|---------------|-----------------------------------------------------------------|
| NBP1-87398PEP | Phosphopantothenate-cysteine ligase 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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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