

# Product Datasheet

## Glutathione Synthetase Antibody - Azide and BSA Free NBP3-03702-100ul

Unit Size: 100 ul

Store at -20C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

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**NBP3-03702-100ul**

Glutathione Synthetase Antibody - Azide and BSA Free

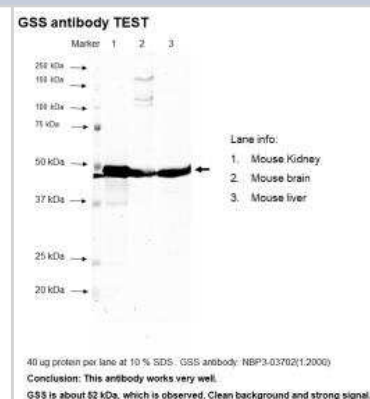
| Product Information |   |
|---------------------|---|
| Unit Size           | 100 ul  |
| Concentration       | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at -20C. Avoid freeze-thaw cycles.  |
| Clonality           | Polyclonal  |
| Preservative        | 0.01% Thimerosal  |
| Isotype             | IgG   |
| Purity              | Affinity purified   |
| Buffer              | PBS (pH 7.3), 50% glycerol  |

| Product Description |   |
|---------------------|---|
| Description         | Novus Biologicals Knockout (KO) Validated Rabbit Glutathione Synthetase Antibody - Azide and BSA Free (NBP3-03702) is a polyclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Rabbit  |
| Gene ID             | 2937  |
| Gene Symbol         | GSS   |
| Species             | Human, Mouse, Rat   |
| Immunogen           | Recombinant fusion protein containing a sequence corresponding to amino acids 373-474 of human Glutathione Synthetase (NP_000169.1).<br>NLYGEEMVQALKQLKDSEERASYILMEKIEPEPFENCLLRPGSPARVVQCISEL<br>GIFGVYVRQEKTLMNKHVGHLLRTKAIEHADGGVAAGVAVLDNPYPV   |

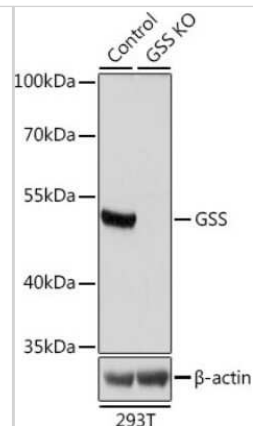
| Product Application Details |   |
|-----------------------------|---|
| Applications                | Western Blot, Immunocytochemistry/ Immunofluorescence, Knockout Validated                             |
| Recommended Dilutions       | Western Blot 1:500 - 1:2000, Immunocytochemistry/ Immunofluorescence 1:50 - 1:200, Knockout Validated |

**Images**

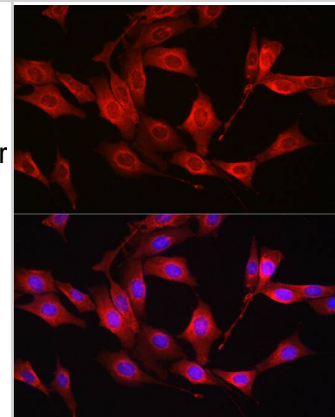
Western Blot: Glutathione Synthetase Antibody [NBP3-03702] - WB image submitted by a verified customer review.



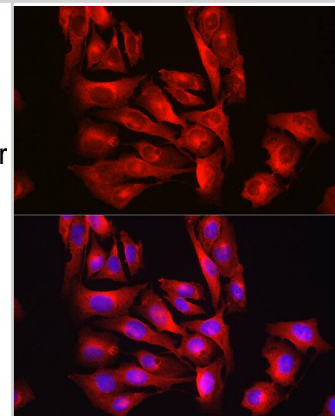
**Western Blot: Glutathione Synthetase Antibody [NBP3-03702] - Analysis** of extracts from normal (control) and GSS knockout (KO) 293T cells, using Glutathione Synthetase antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.



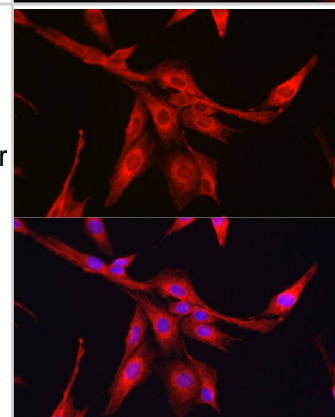
**Immunocytochemistry/ Immunofluorescence: Glutathione Synthetase Antibody - Azide and BSA Free [NBP3-03702] - Immunofluorescence** analysis of NIH/3T3 cells using [KO Validated] Glutathione Synthetase Rabbit pAb (A14535) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



**Immunocytochemistry/ Immunofluorescence: Glutathione Synthetase Antibody - Azide and BSA Free [NBP3-03702] - Immunofluorescence** analysis of U2OS cells using [KO Validated] Glutathione Synthetase Rabbit pAb (A14535) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



**Immunocytochemistry/ Immunofluorescence: Glutathione Synthetase Antibody - Azide and BSA Free [NBP3-03702] - Immunofluorescence** analysis of PC-12 cells using [KO Validated] Glutathione Synthetase Rabbit pAb (A14535) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP3-03702-100ul**

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|                  |  |
|------------------|--|
| HAF008           | Goat anti-Rabbit IgG Secondary Antibody [HRP]        |
| NB7160           | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]  |
| NBP2-24891       | Rabbit IgG Isotype Control                           |
| NBP1-50862-0.1mg | Recombinant Human Glutathione Synthetase His Protein |

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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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