

# Product Datasheet

## Glutathione Reductase Antibody - BSA Free NBP2-16684

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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



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

### Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP2-16684](http://www.novusbio.com/NBP2-16684)

Updated 2/23/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP2-16684](http://www.novusbio.com/reviews/destination/NBP2-16684)



**NBP2-16684****Glutathione Reductase 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>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.025% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	PBS (pH 7), 20% Glycerol
<b>Target Molecular Weight</b>	56 kDa

**Product Description**

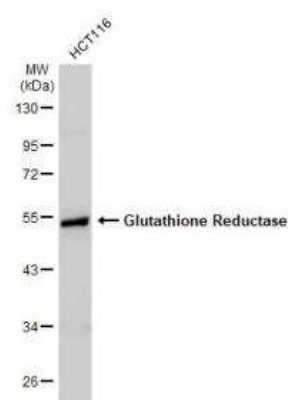
<b>Host</b>	Rabbit
<b>Gene ID</b>	2936
<b>Gene Symbol</b>	GSR
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Bovine (84%).
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of human Glutathione Reductase. The exact sequence is proprietary.

**Product Application Details**

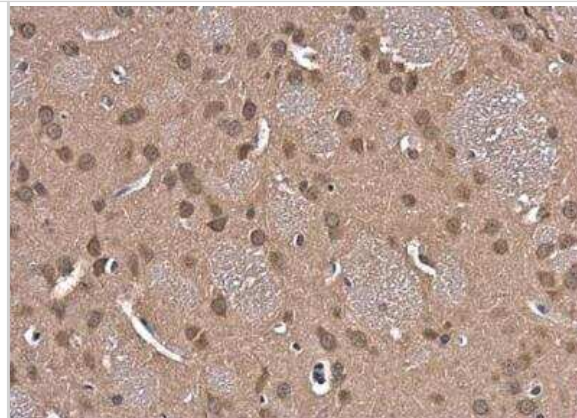
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000

**Images**

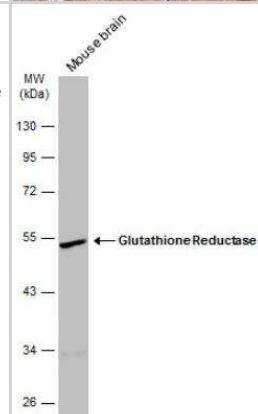
Western Blot: Glutathione Reductase Antibody [NBP2-16684] - Whole cell extract (30 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with Glutathione Reductase antibody [N2C2], Internal diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



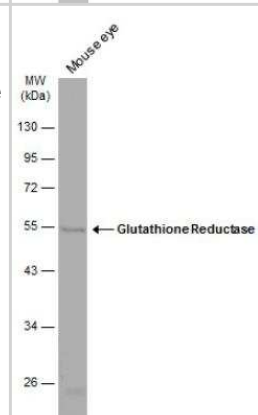
Immunohistochemistry-Paraffin: Glutathione Reductase Antibody [NBP2-16684] - Rat brain. Glutathione reductase antibody [N2C2], Internal diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



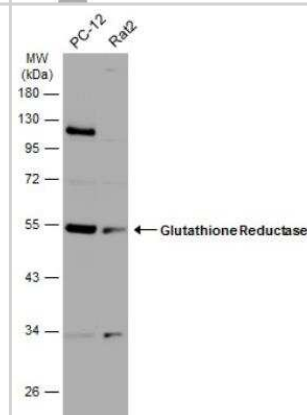
Western Blot: Glutathione Reductase Antibody [NBP2-16684] - Mouse tissue extract (50 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with Glutathione reductase diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



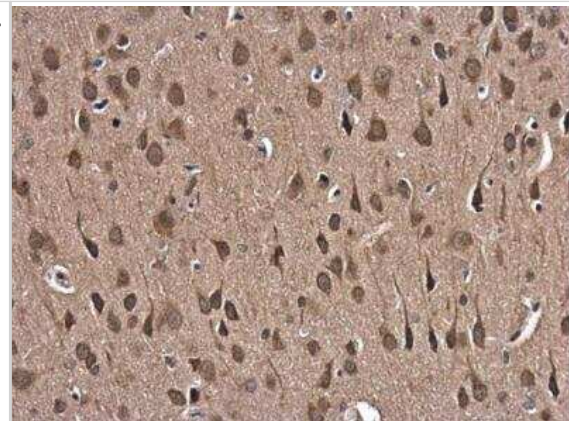
Western Blot: Glutathione Reductase Antibody [NBP2-16684] - Mouse tissue extract (50 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with Glutathione reductase diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



Western Blot: Glutathione Reductase Antibody [NBP2-16684] - Various whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Glutathione Reductase antibody diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (NBP2-19301) was used to detect the primary antibody.



Immunohistochemistry-Paraffin: Glutathione Reductase Antibody [NBP2-16684] - Rat brain. Glutathione reductase antibody [N2C2], Internal diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



## Publications

Deka B, Sarma P, Manna P et al. Alliin Enriched Standardized Fraction of Allium Hookeri Regulates the Glucose Homeostasis Via Upregulating Hepatic Glutathione Pool SSRN Electronic Journal 2023-02-17 (WB, Rat)

Petrillo S, D'Amico J, Nicita F et al. Antioxidant Response in Human X-Linked Adrenoleukodystrophy Fibroblasts Antioxidants 2022-10-28 [PMID: 36358497] (WB, Human)

Deka B, Barge SR, Bharadwaj S et al. Beneficial effect of the methanolic leaf extract of Allium hookeri on stimulating glutathione biosynthesis and preventing impaired glucose metabolism in type 2 diabetes Archives of biochemistry and biophysics 2021-09-15 [PMID: 34118216]



### **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 NBP2-16684**

---

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-22639	Recombinant E. coli Glutathione Reductase His Protein

---

### **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)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP2-16684](http://www.novusbio.com/reviews/submit/NBP2-16684)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

