

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



technical@novusbio.com

Publications: 3

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

Updated 9/15/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-16684



NBP2-16684**Glutathione Reductase Antibody - BSA Free**

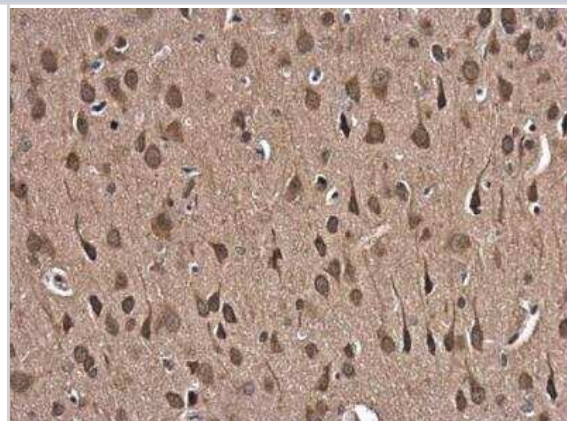
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS, 20% Glycerol
Target Molecular Weight	56 kDa

Product Description	
Description	Novus Biologicals Rabbit Glutathione Reductase Antibody - BSA Free (NBP2-16684) is a polyclonal antibody validated for use in IHC and WB. Anti-Glutathione Reductase Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2936
Gene Symbol	GSR
Species	Human, Mouse, Rat
Reactivity Notes	Bovine (84%).
Immunogen	Recombinant protein encompassing a sequence within the center region of human Glutathione Reductase. The exact sequence is proprietary.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Electron Microscopy, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunohistochemistry-Paraffin 1:100-1:1000, Electron Microscopy Assay Dependent

Images

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.

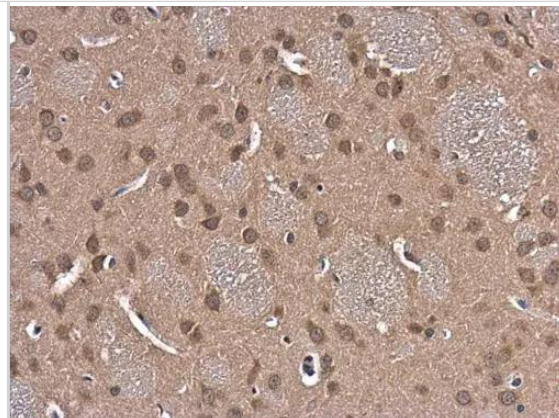


Glutathione reductase antibody [N2C2], Internal detects Glutathione reductase protein at cytoplasm and nucleus in rat brain by immunohistochemical analysis.

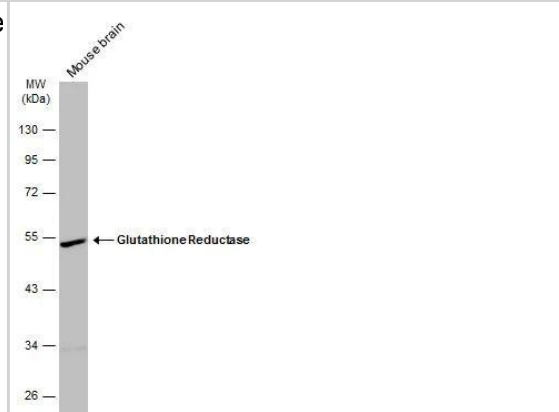
Sample: Paraffin-embedded rat brain.

Glutathione reductase antibody [N2C2], Internal (NBP2-16684) diluted at 1:500.

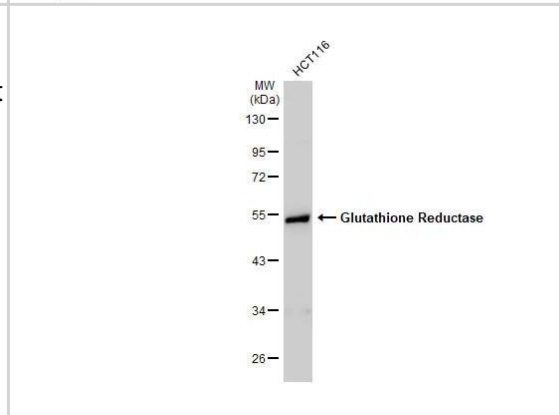
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



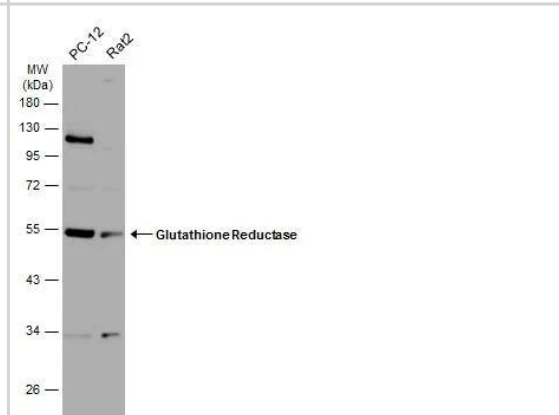
Mouse tissue extract (50 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with Glutathione reductase (NBP2-16684) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



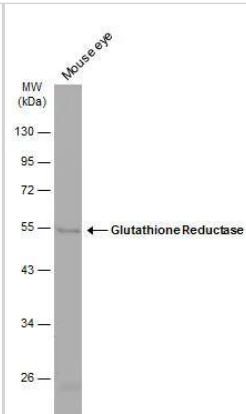
Whole cell extract (30 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with Glutathione Reductase antibody [N2C2], Internal (NBP2-16684) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



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



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



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

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-16684

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

