

# Product Datasheet

## Glutathione Synthetase Antibody - BSA Free NBP2-30465

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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Updated 12/2/2025 v.20.1

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**NBP2-30465**

Glutathione Synthetase Antibody - BSA Free

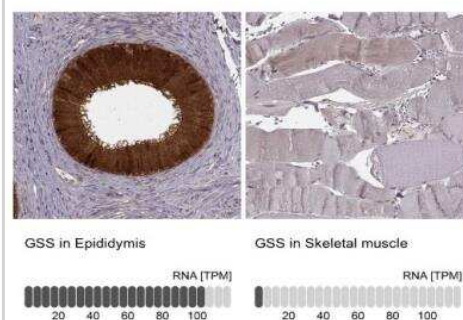
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit Glutathione Synthetase Antibody - BSA Free (NBP2-30465) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2937
Gene Symbol	GSS
Species	Human
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: NLYGEEMVQALKQLKDSEERASYILMEKIEPEPFENCLLRPGSPARVVQCISEL GIFGVYVRQEKTLMNKHVGHLLRTKAI

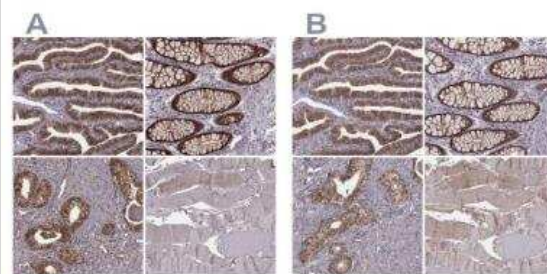
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF, Fixation Permeabilization: Use PFA/Triton X-100.

**Images**

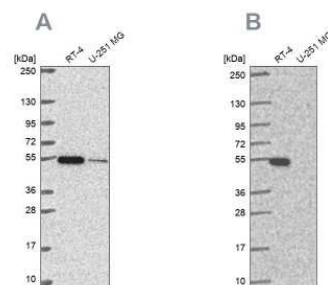
Immunohistochemistry-Paraffin: Glutathione Synthetase Antibody [NBP2-30465] - Analysis in human epididymis and skeletal muscle tissues using NBP2-30465 antibody. Corresponding GSS RNA-seq data are presented for the same tissues



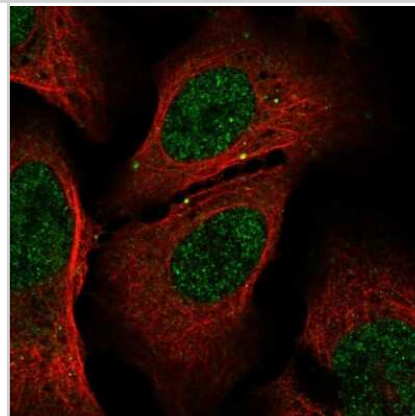
Immunohistochemistry-Paraffin: Glutathione Synthetase Antibody [NBP2-30465] - Staining of human fallopian tube, gastrointestinal, prostate and skeletal muscle using Anti-GSS antibody NBP2-30465 (A) shows similar protein distribution across tissues to independent antibody.



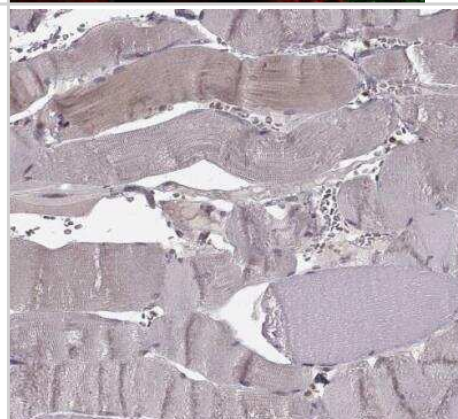
Western Blot: Glutathione Synthetase Antibody [NBP2-30465] - Analysis using Anti-GSS antibody NBP2-30465 (A) shows similar pattern to independent antibody NBP2-57177 (B).



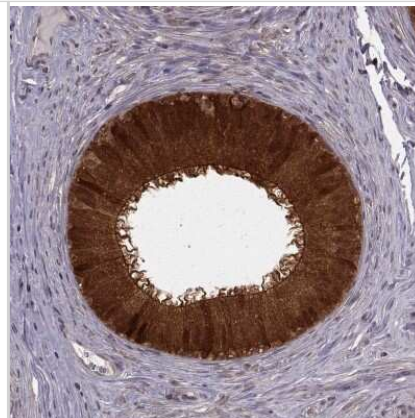
Immunocytochemistry/Immunofluorescence: Glutathione Synthetase Antibody [NBP2-30465] - Staining of human cell line U-2 OS shows localization to nucleoplasm. Antibody staining is shown in green.



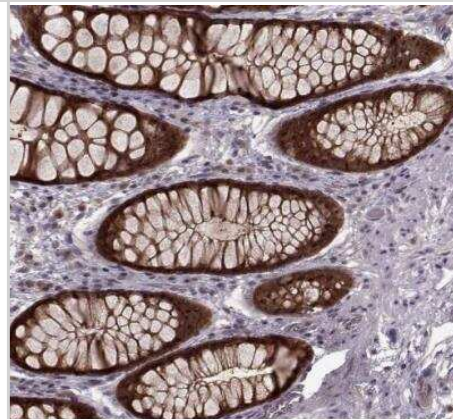
Immunohistochemistry-Paraffin: Glutathione Synthetase Antibody [NBP2-30465] - Staining of human skeletal muscle shows very weak cytoplasmic positivity in myocytes.



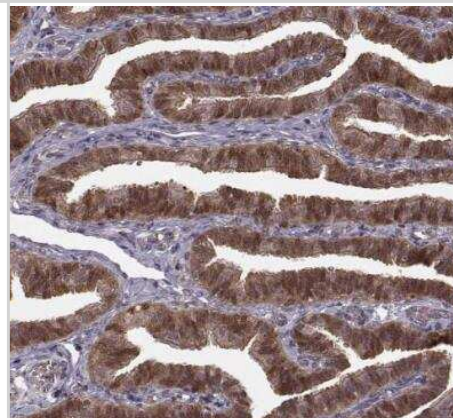
Immunohistochemistry-Paraffin: Glutathione Synthetase Antibody [NBP2-30465] - Staining of human epididymis shows high expression.



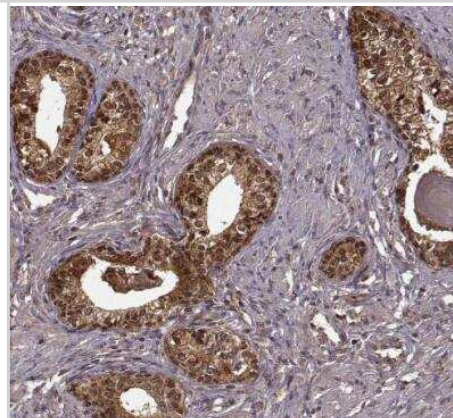
Immunohistochemistry-Paraffin: Glutathione Synthetase Antibody [NBP2-30465] - Staining of human rectum shows strong cytoplasmic and membranous positivity in glandular cells.



Immunohistochemistry-Paraffin: Glutathione Synthetase Antibody [NBP2-30465] - Staining of human fallopian tube shows strong cytoplasmic and membranous positivity in glandular cells.



Immunohistochemistry-Paraffin: Glutathione Synthetase Antibody [NBP2-30465] - Staining of human prostate shows strong cytoplasmic and membranous positivity in glandular cells.





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### Products Related to NBP2-30465

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NBP2-30465PEP	Glutathione Synthetase Recombinant Protein Antigen
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

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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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