

# 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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**NBP2-30465**

Glutathione Synthetase 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>	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

**Product Description**

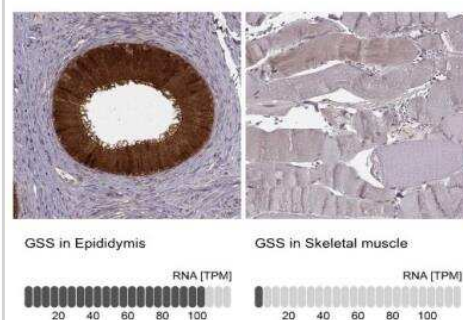
<b>Description</b>	Novus Biologicals Rabbit Glutathione Synthetase Antibody - BSA Free (NBP2-30465) is a polyclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	2937
<b>Gene Symbol</b>	GSS
<b>Species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

**Product Application Details**

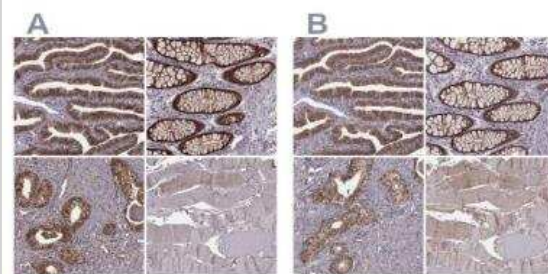
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin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

**Images**

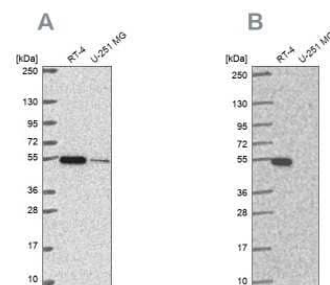
Immunohistochemistry-Paraffin: Glutathione Synthetase Antibody [NBP2-30465] - Analysis in human epididymis and skeletal muscle tissues using NBP2-30465 antibody. Corresponding GSS RNA-seq data are presented for the same tissues



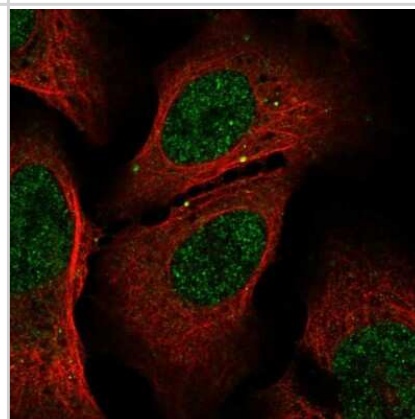
**Immunohistochemistry-Paraffin: Glutathione Synthetase Antibody [NBP2-30465]** - Staining of human fallopian tube, gastrointestinal, prostate and skeletal muscle using Anti-GSS antibody NBP2-30465 (A) shows similar protein distribution across tissues to independent antibody.



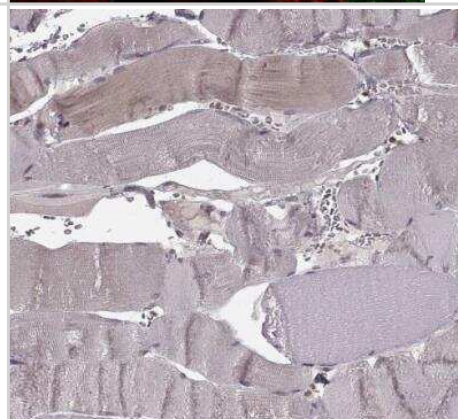
**Western Blot: Glutathione Synthetase Antibody [NBP2-30465]** - Analysis using Anti-GSS antibody NBP2-30465 (A) shows similar pattern to independent antibody NBP2-57177 (B).



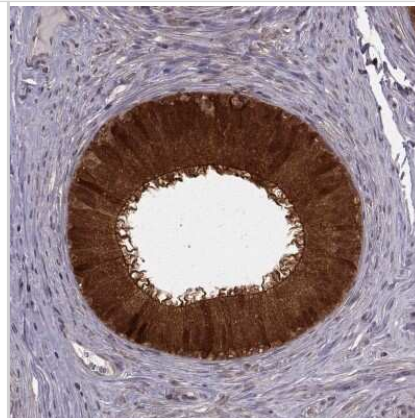
**Immunocytochemistry/Immunofluorescence: Glutathione Synthetase Antibody [NBP2-30465]** - Staining of human cell line U-2 OS shows localization to nucleoplasm. Antibody staining is shown in green.



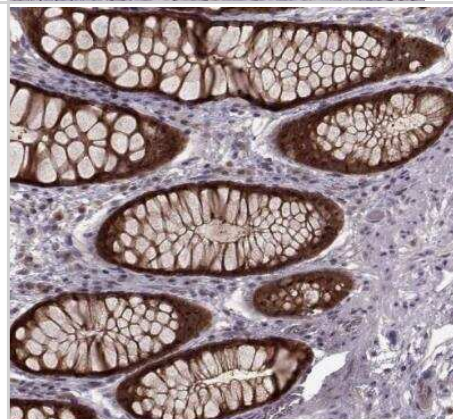
**Immunohistochemistry-Paraffin: Glutathione Synthetase Antibody [NBP2-30465]** - Staining of human skeletal muscle shows very weak cytoplasmic positivity in myocytes.



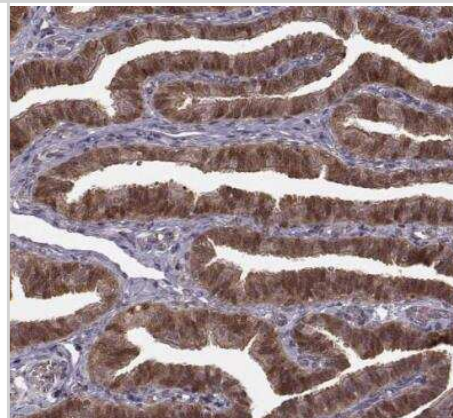
Immunohistochemistry-Paraffin: Glutathione Synthetase Antibody [NBP2-30465] - Staining of human epididymis shows high expression.



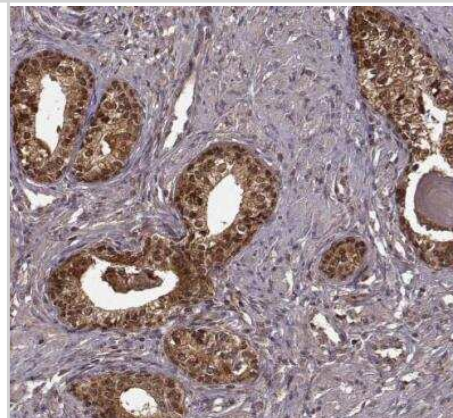
Immunohistochemistry-Paraffin: Glutathione Synthetase Antibody [NBP2-30465] - Staining of human rectum shows strong cytoplasmic and membranous positivity in glandular cells.



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
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.

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