

# Product Datasheet

## Glutamine Synthetase Antibody (CL3013) - BSA Free **NBP2-46645**

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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**NBP2-46645**

## Glutamine Synthetase Antibody (CL3013) - 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>	Monoclonal
<b>Clone</b>	CL3013
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

<b>Description</b>	Novus Biologicals Mouse Glutamine Synthetase Antibody (CL3013) - BSA Free (NBP2-46645) is a monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	2752
<b>Gene Symbol</b>	GLUL
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions
<b>Immunogen</b>	This antibody was developed using a recombinant protein derived from P15104, with the exact immunogen sequence remaining proprietary.

**Product Application Details**

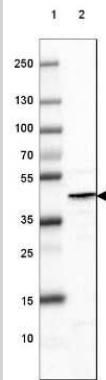
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

## Images

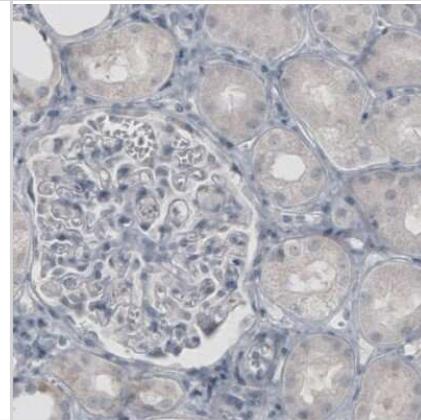
Western Blot: Glutamine Synthetase Antibody (3013) [NBP2-46645] -

Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10. Lane 2:

Mouse Cerebral Cortex tissue



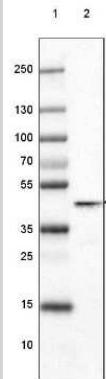
Immunohistochemistry-Paraffin: Glutamine Synthetase Antibody (3013) [NBP2-46645] - Staining of human kidney shows absence of immunoreactivity (negative control).



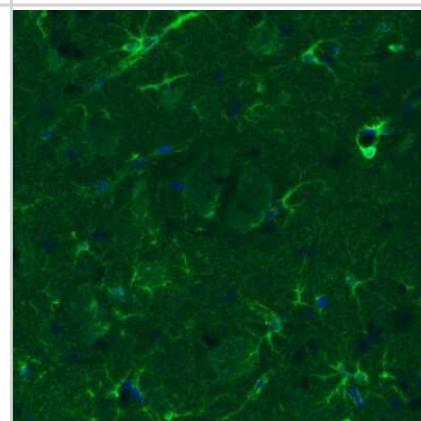
Western Blot: Glutamine Synthetase Antibody (3013) [NBP2-46645] -

Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10. Lane 2:

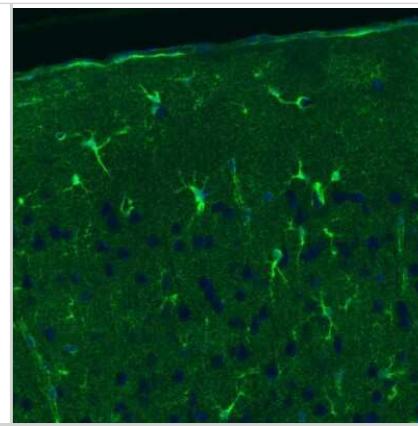
Human Cerebral Cortex tissue



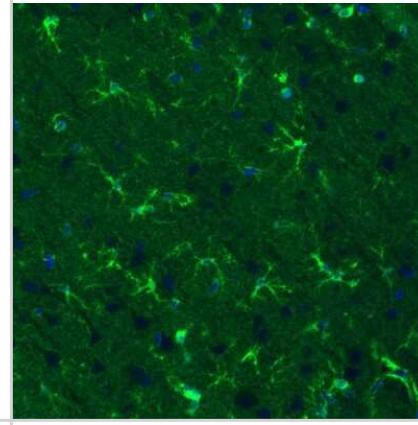
Immunohistochemistry: Glutamine Synthetase Antibody (3013) [NBP2-46645] - Staining of rat striatum shows moderate immunoreactivity in a subset of astrocytes.



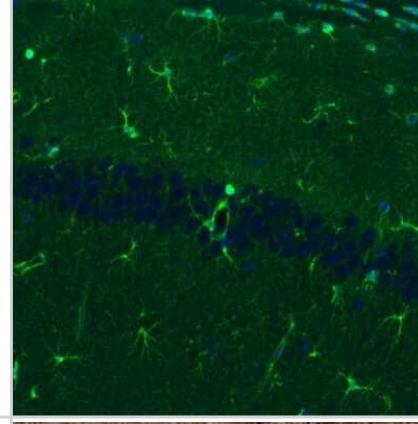
Immunohistochemistry: Glutamine Synthetase Antibody (3013) [NBP2-46645] - Staining of rat cerebral cortex shows positivity in a subset of astrocytes.



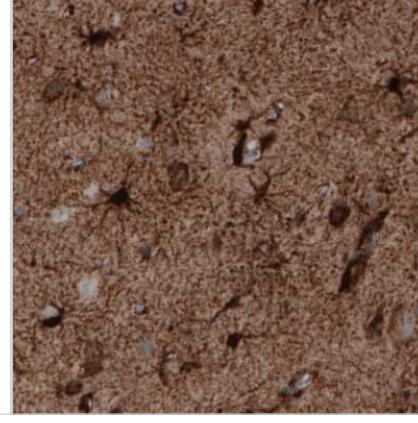
Immunohistochemistry: Glutamine Synthetase Antibody (3013) [NBP2-46645] - Staining of rat cerebral cortex shows positivity in a subset of astrocytes.



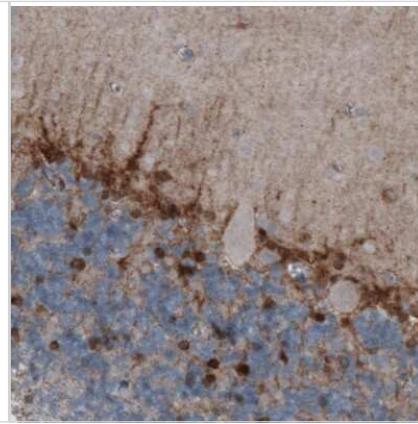
Immunohistochemistry: Glutamine Synthetase Antibody (3013) [NBP2-46645] - Staining of mouse hippocampal formation shows positivity in a subset of astrocytes.



Immunohistochemistry-Paraffin: Glutamine Synthetase Antibody (3013) [NBP2-46645] - Staining of human cerebral cortex shows strong immunoreactivity in astrocytes.



Immunohistochemistry-Paraffin: Glutamine Synthetase Antibody (3013) [NBP2-46645] - Staining of human cerebellum shows positivity in glial cells.





## 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](http://www.novusbio.com)  
Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)  
Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)  
General: [novus@novusbio.com](mailto:novus@novusbio.com)

## Products Related to NBP2-46645

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP2-52376-0.02mg	Recombinant Human Glutamine Synthetase 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)

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