

Product Datasheet

Glutamine Synthetase Antibody (CL3004) - BSA Free NBP2-46644

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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NBP2-46644**Glutamine Synthetase Antibody (CL3004) - 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	Monoclonal
Clone	CL3004
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

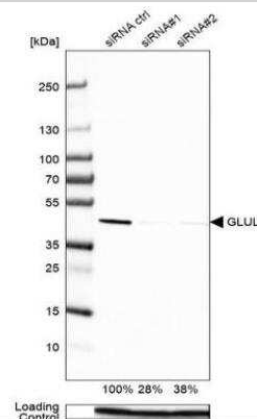
Product Description	
Description	Novus Biologicals Mouse Glutamine Synthetase Antibody (CL3004) - BSA Free (NBP2-46644) is a monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	2752
Gene Symbol	GLUL
Species	Human, Mouse, Rat
Reactivity Notes	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
Immunogen	This antibody was developed using a recombinant protein derived from P15104, with the exact immunogen sequence remaining proprietary.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:2500 - 1:5000, Immunohistochemistry-Paraffin 1:2500 - 1:5000, Knockdown Validated
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

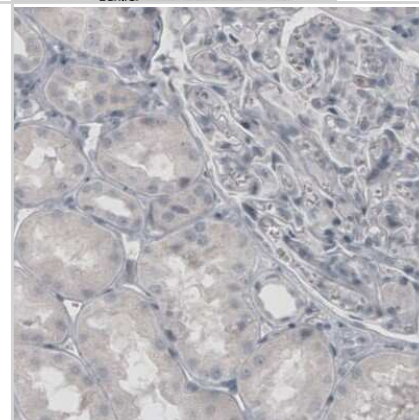


Images

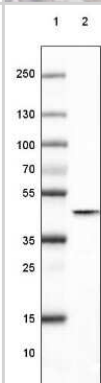
Western Blot: Glutamine Synthetase Antibody (CL3004) [NBP2-46644] - Analysis in HEK293 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-GLUL antibody. Remaining relative intensity is presented. Loading control: Anti-PPIB.



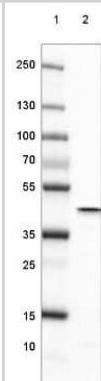
Immunohistochemistry: Glutamine Synthetase Antibody (3004) [NBP2-46644] - Staining of human kidney shows absence of immunoreactivity (negative control).



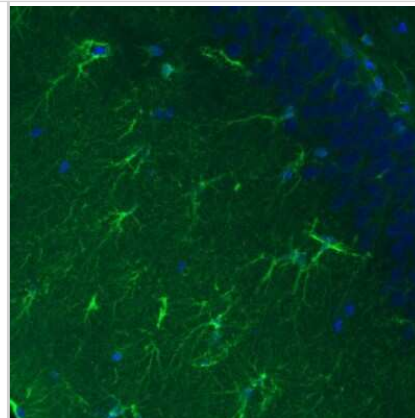
Western Blot: Glutamine Synthetase Antibody (3004) [NBP2-46644] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10. Lane 2: Human Cerebral Cortex tissue



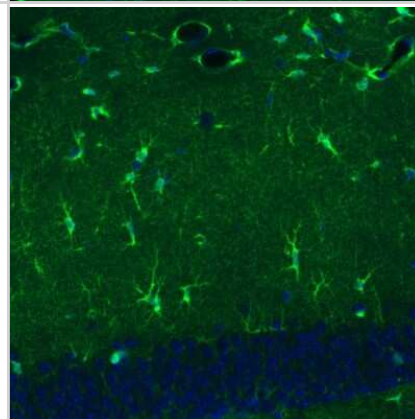
Western Blot: Glutamine Synthetase Antibody (3004) [NBP2-46644] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10. Lane 2: Mouse Cerebral Cortex tissue



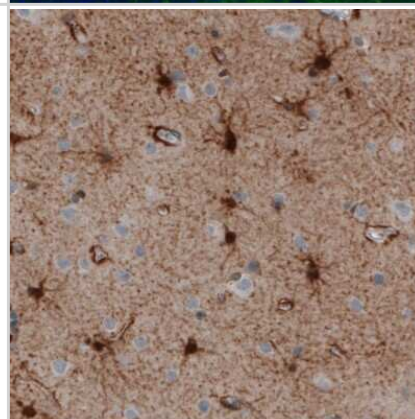
Immunohistochemistry: Glutamine Synthetase Antibody (3004) [NBP2-46644] - Staining of rat hippocampal formation shows positivity in a subset of astrocytes.



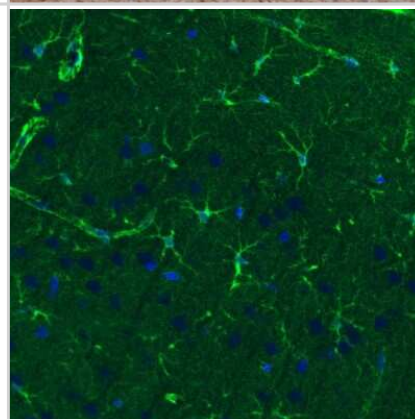
Immunohistochemistry: Glutamine Synthetase Antibody (3004) [NBP2-46644] - Staining of mouse dentate gyrus shows immunoreactivity in a subset of astrocytes.



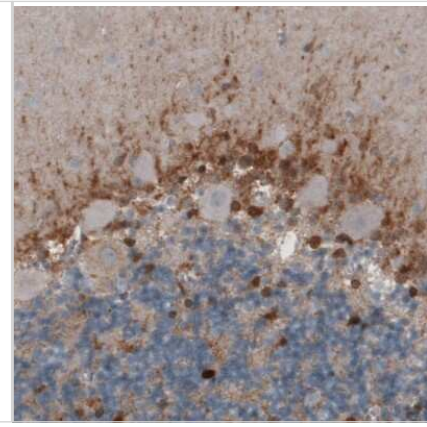
Immunohistochemistry: Glutamine Synthetase Antibody (3004) [NBP2-46644] - Staining of human cerebral cortex shows strong immunoreactivity in astrocytes.



Immunohistochemistry: Glutamine Synthetase Antibody (3004) [NBP2-46644] - Staining of rat cerebral cortex shows immunoreactivity in a subset of astrocytes.



Immunohistochemistry: Glutamine Synthetase Antibody (3004) [NBP2-46644] - Staining of human cerebellum shows positivity in glial cells.





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Products Related to NBP2-46644

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
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

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