

# Product Datasheet

## Glutamine Synthetase Antibody (CL3004) - Azide and BSA Free NBP3-43806

Unit Size: 100 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-43806**

Glutamine Synthetase Antibody (CL3004) - Azide and BSA Free

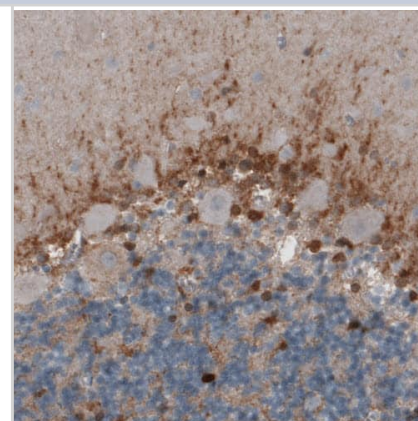
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL3004
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Host	Mouse
Gene ID	2752
Gene Symbol	GLUL
Species	Human, Mouse, Rat
Immunogen	This antibody was generated using a recombinant protein sequence of P15104, with the exact immunogen sequence remaining proprietary.

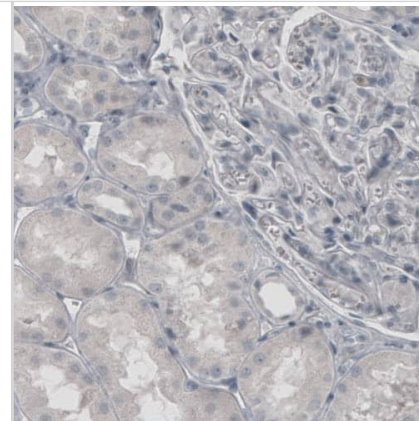
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry-Paraffin 1:2500 - 1:5000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

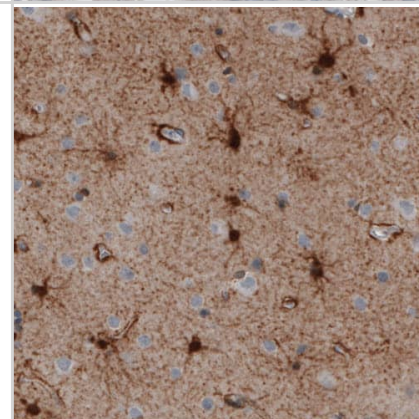
Staining of human cerebellum shows positivity in glial cells.



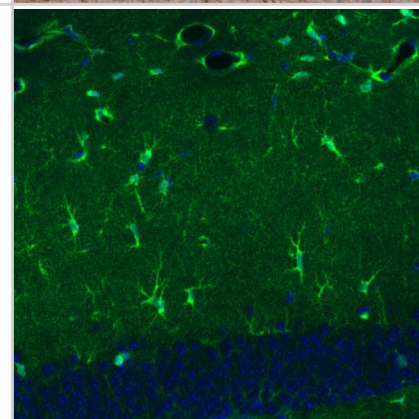
Staining of human kidney shows absence of immunoreactivity (negative control).



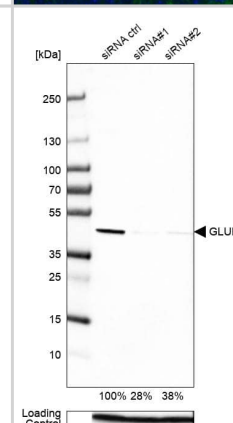
Staining of human cerebral cortex shows strong immunoreactivity in astrocytes.



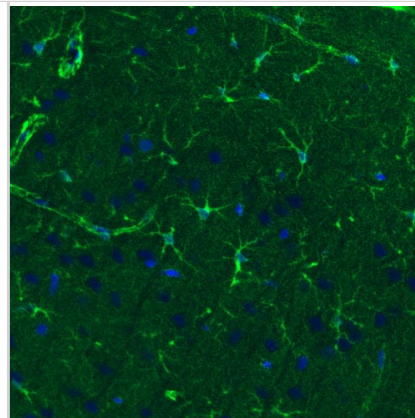
Staining of mouse dentate gyrus shows immunoreactivity in a subset of astrocytes.



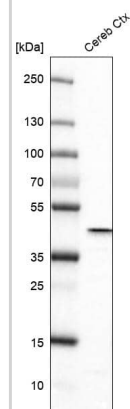
Analysis in HEK293 cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-Glutamine Synthetase antibody. Remaining relative intensity is presented. Loading control: Anti-PPIB.



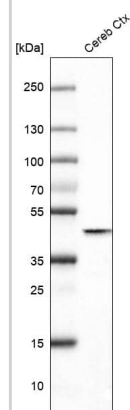
Staining of rat cerebral cortex shows immunoreactivity in a subset of astrocytes.



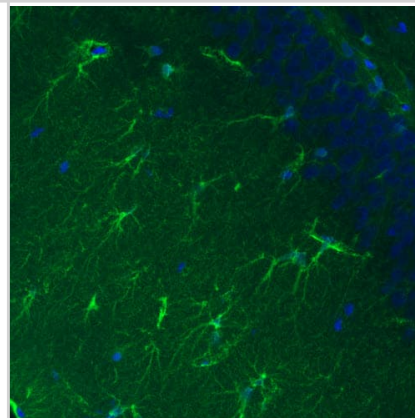
Analysis in mouse cerebral cortex tissue.



Analysis in human cerebral cortex tissue.



Staining of rat hippocampal formation shows positivity in a subset of astrocytes.





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### **Products Related to NBP3-43806**

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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

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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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