

Product Datasheet

Glutamine Synthetase Antibody (CL3013) - Azide and BSA Free **NBP3-43807**

Unit Size: 100 ug

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

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NBP3-43807

Glutamine Synthetase Antibody (CL3013) - 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	CL3013
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	IgG2a
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.

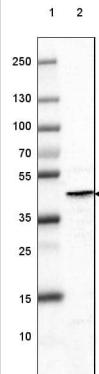
Product Application Details

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

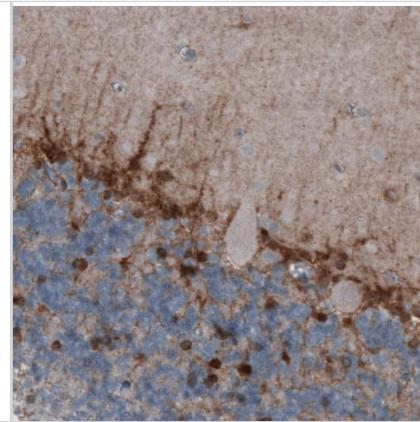
Images

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

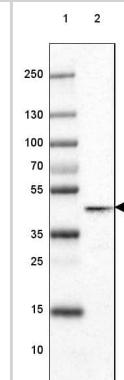
Lane 2: Mouse Cerebral Cortex tissue



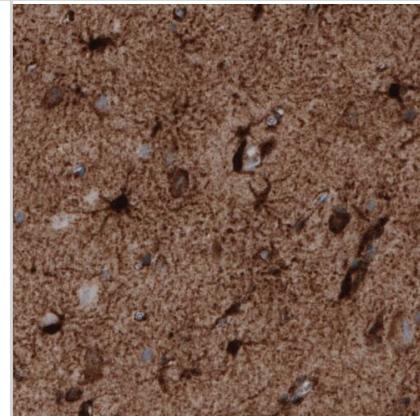
Staining of human cerebellum shows positivity in glial cells.



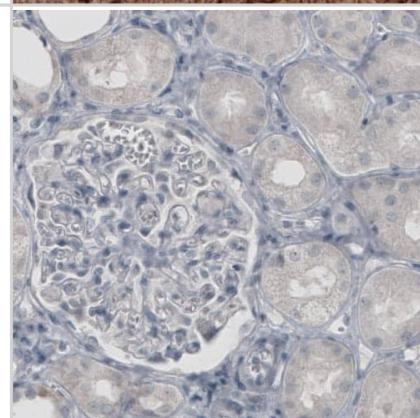
Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10
Lane 2: Human Cerebral Cortex tissue



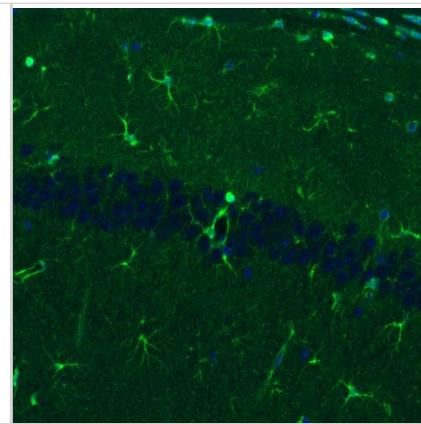
Staining of human cerebral cortex shows strong immunoreactivity in astrocytes.



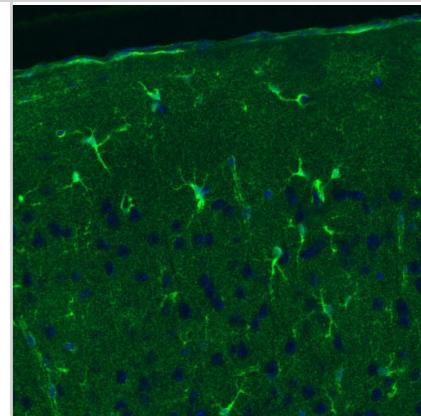
Staining of human kidney shows absence of immunoreactivity (negative control).



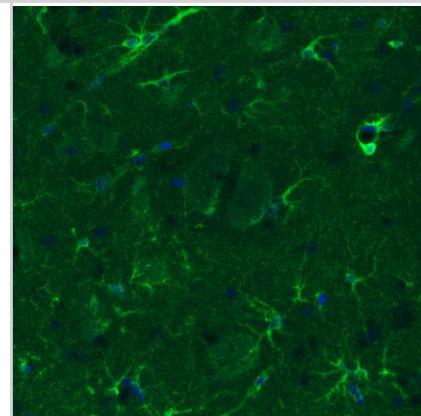
Staining of mouse hippocampal formation shows positivity in a subset of astrocytes.



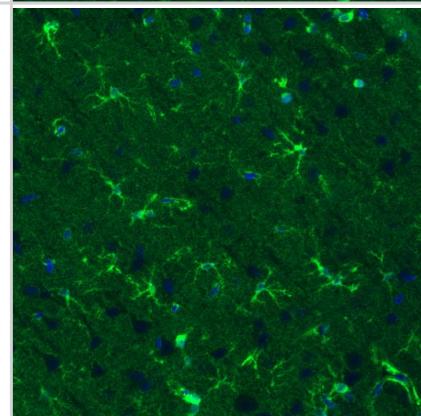
Staining of rat cerebral cortex shows positivity in a subset of astrocytes.



Staining of rat striatum shows moderate immunoreactivity in a subset of astrocytes.



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





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Products Related to NBP3-43807

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.

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