

Product Datasheet

GAD1/GAD67 Antibody (CL2911) - Azide and BSA Free NBP3-43812

Unit Size: 100 ul

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

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NBP3-43812

GAD1/GAD67 Antibody (CL2911) - Azide and BSA Free

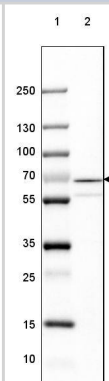
Product Information	
Unit Size	100 ul
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL2911
Preservative	0.02% Sodium Azide
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 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 in 5% Trehalose.

Product Description	
Host	Mouse
Gene ID	2571
Gene Symbol	GAD1
Species	Human, Mouse, Rat
Immunogen	This antibody was generated using a recombinant protein sequence of Q99259, with the exact immunogen sequence remaining proprietary.

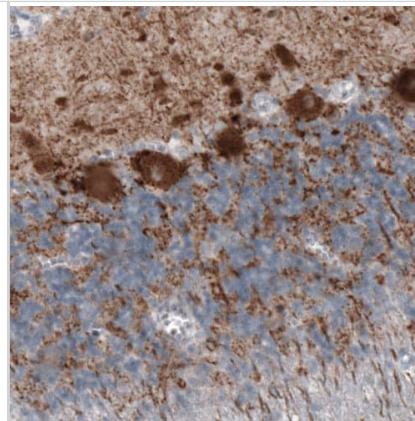
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

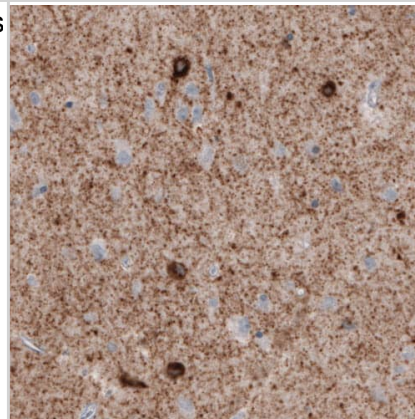
Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10
 Lane 2: Human Cerebral Cortex tissue



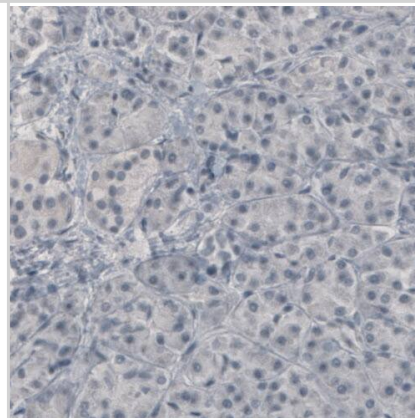
Staining of human cerebellum shows strong immunoreactivity in Purkinje cells, as well as in fibers in granular and molecular layers.



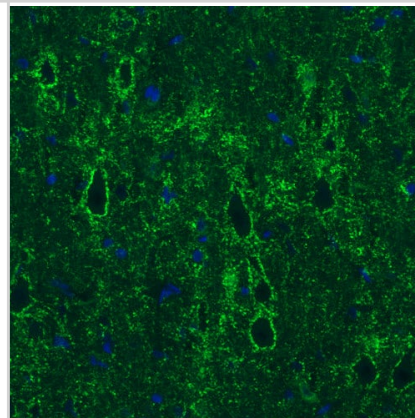
Staining of human cerebral cortex shows immunoreactivity in neuropil, as well as some neuronal cells bodies.



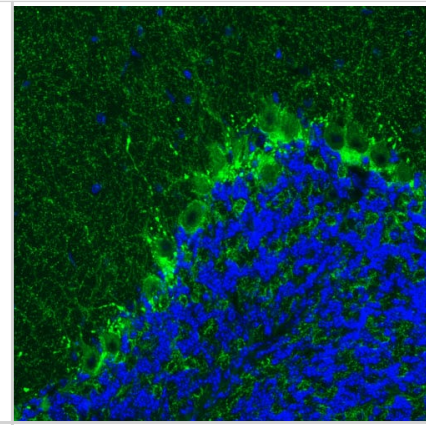
Staining of human pancreas shows absence of immunoreactivity (negative control).



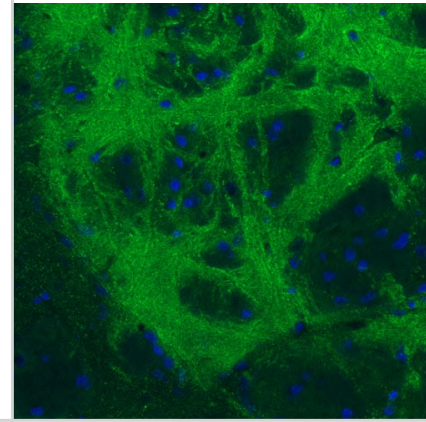
Staining of rat cerebral cortex shows strong positivity in GABAergic synapses on pyramidal neurons.



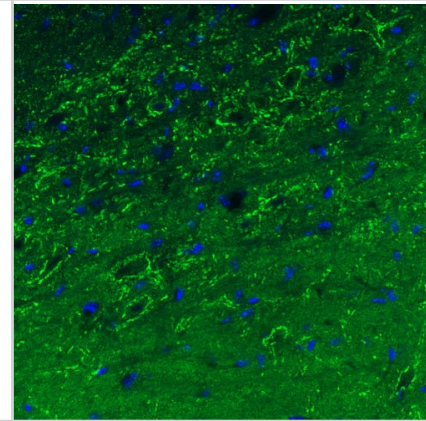
Staining of mouse cerebellum shows positivity in GABAergic neural fibers.



Staining of rat globus pallidus shows strong immunoreactivity in GABAergic neural fibers.



Staining of mouse substantia nigra shows strong immunoreactivity in GABAergic neural processes.





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Products Related to NBP3-43812

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)
NBP2-51849-0.1mg	Recombinant Human GAD1/GAD67 His 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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