

Product Datasheet

GAD1/GAD67 Antibody (CL2911) - BSA Free NBP2-46637

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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Updated 2/27/2025 v.20.1

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NBP2-46637

GAD1/GAD67 Antibody (CL2911) - BSA Free

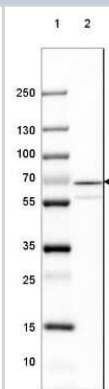
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL2911
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Mouse
Gene ID	2571
Gene Symbol	GAD1
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 Q99259, with the exact immunogen sequence remaining proprietary.

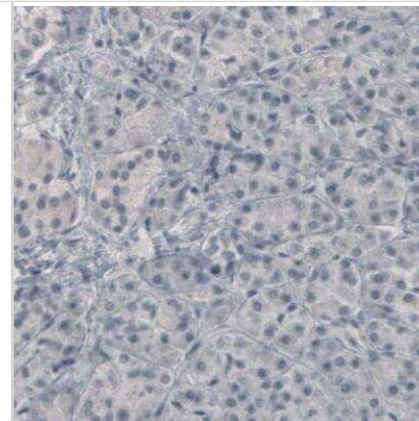
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:500 - 1:1000, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

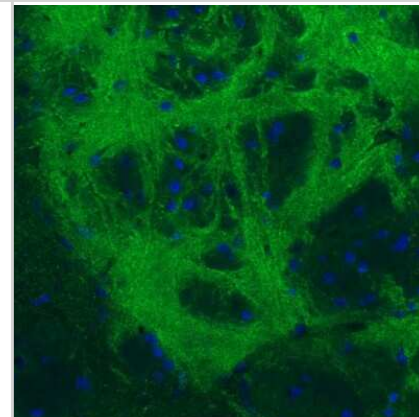
Western Blot: GAD1/GAD67 Antibody (2911) [NBP2-46637] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10. Lane 2: Human Cerebral Cortex tissue



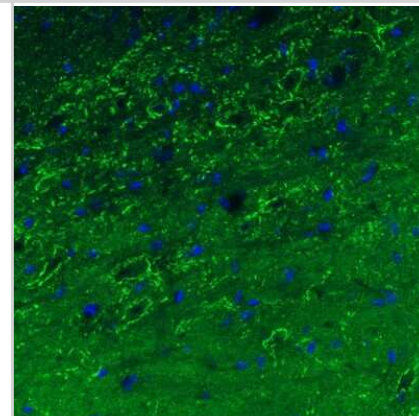
Immunohistochemistry-Paraffin: GAD1/GAD67 Antibody (2911) [NBP2-46637] - Staining of human pancreas shows absence of immunoreactivity (negative control).



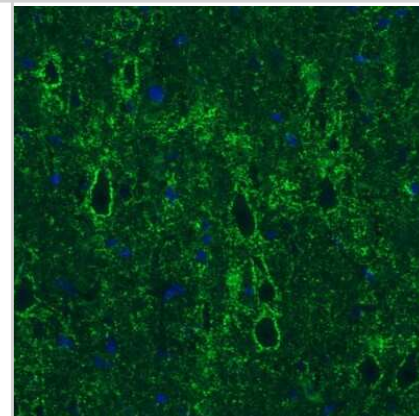
Immunohistochemistry: GAD1/GAD67 Antibody (2911) [NBP2-46637] - Staining of rat globus pallidus shows strong immunoreactivity in GABAergic neural fibers.



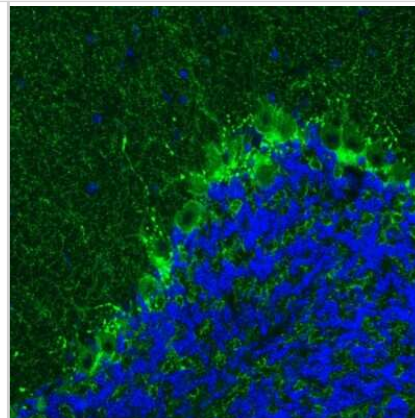
Immunohistochemistry: GAD1/GAD67 Antibody (2911) [NBP2-46637] - Staining of mouse substantia nigra shows strong immunoreactivity in GABAergic neural processes.



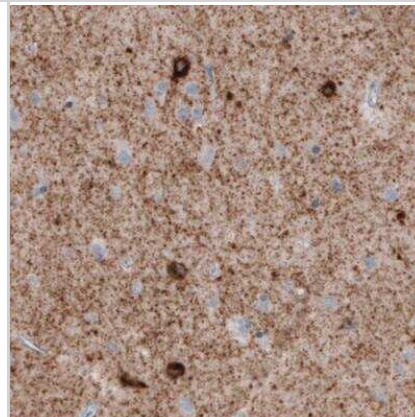
Immunohistochemistry: GAD1/GAD67 Antibody (2911) [NBP2-46637] - Staining of rat cerebral cortex shows strong positivity in GABAergic synapses on pyramidal neurons.



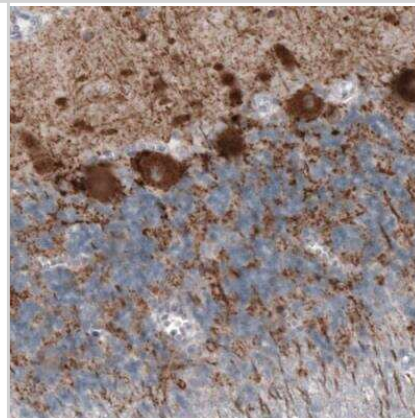
Immunohistochemistry: GAD1/GAD67 Antibody (2911) [NBP2-46637] - Staining of mouse cerebellum shows positivity in GABAergic neural fibers.



Immunohistochemistry-Paraffin: GAD1/GAD67 Antibody (2911) [NBP2-46637] - Staining of human cerebral cortex shows immunoreactivity in neuropil, as well as some neuronal cells bodies.



Immunohistochemistry-Paraffin: GAD1/GAD67 Antibody (2911) [NBP2-46637] - Staining of human cerebellum shows strong immunoreactivity in Purkinje cells, as well as in fibers in granular and molecular layers.





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Products Related to NBP2-46637

NBP2-46637PEP	GAD1/GAD67 Recombinant Protein Antigen
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)

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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