

Product Datasheet

GAD1/GAD67 Antibody (CL2914) - BSA Free NBP2-46638

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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NBP2-46638

GAD1/GAD67 Antibody (CL2914) - 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	CL2914
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

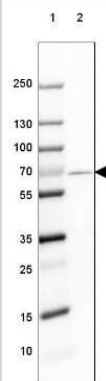
Product Description	
Description	Novus Biologicals Mouse GAD1/GAD67 Antibody (CL2914) - BSA Free (NBP2-46638) is a monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	2571
Gene Symbol	GAD1
Species	Human, Mouse, Rat
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-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

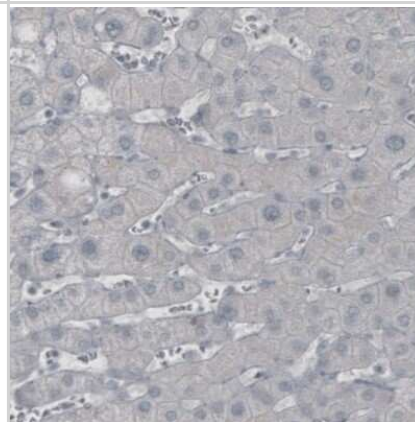


Images

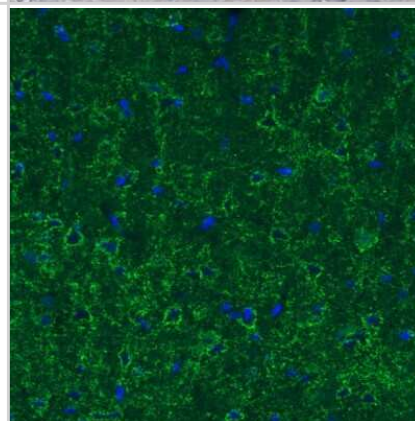
Western Blot: GAD1/GAD67 Antibody (CL2914) [NBP2-46638] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10. Lane 2: Human Cerebral Cortex tissue



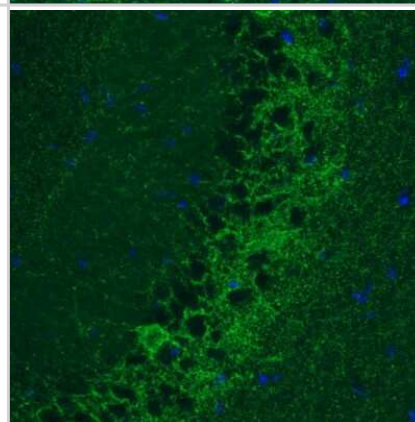
Immunohistochemistry-Paraffin: GAD1/GAD67 Antibody (CL2914) [NBP2-46638] - Staining of human liver shows absence of immunoreactivity (negative control).



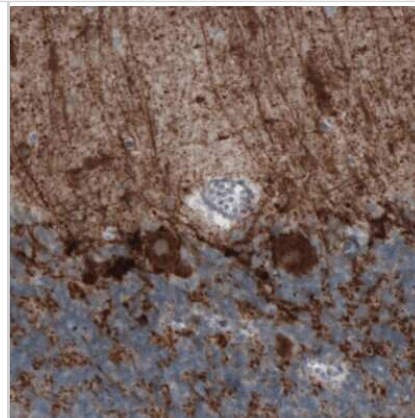
Immunohistochemistry: GAD1/GAD67 Antibody (CL2914) [NBP2-46638] - Staining of rat cerebral cortex shows strong immunoreactivity in GABAergic synapses on pyramidal neurons.



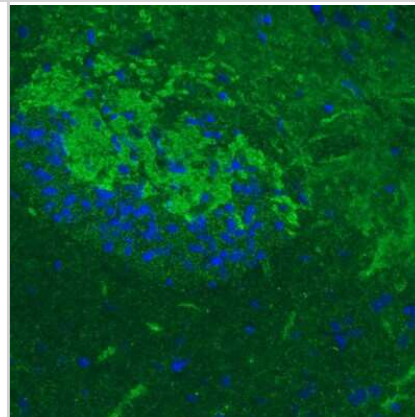
Immunohistochemistry: GAD1/GAD67 Antibody (CL2914) [NBP2-46638] - Staining of mouse hippocampal formation shows strong positivity in GABAergic fibers.



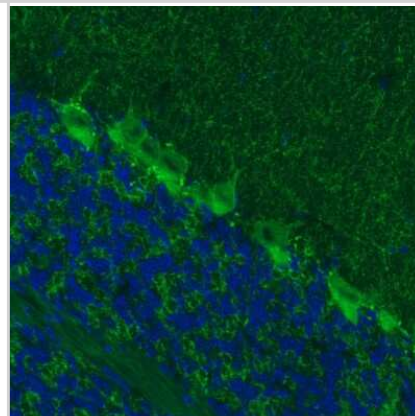
Immunohistochemistry-Paraffin: GAD1/GAD67 Antibody (CL2914) [NBP2-46638] - Staining of human cerebellum shows strong immunoreactivity in Purkinje cells, as well as in fibers in granular and molecular layers.



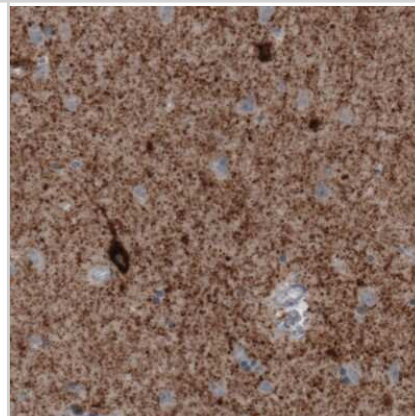
Immunohistochemistry: GAD1/GAD67 Antibody (CL2914) [NBP2-46638] - Staining of rat olfactory tubercle shows strong immunoreactivity in GABAergic fibers.



Immunohistochemistry: GAD1/GAD67 Antibody (CL2914) [NBP2-46638] - Staining of mouse cerebellum shows moderate immunoreactivity in Purkinje cells, as well as in fibers in granular and molecular layers.



Immunohistochemistry-Paraffin: GAD1/GAD67 Antibody (CL2914) [NBP2-46638] - Staining of human cerebral cortex shows immunoreactivity in neuropil and some neuronal cell bodies.





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Products Related to NBP2-46638

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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