

Product Datasheet

GAD2/GAD65 Antibody (CL2736) - BSA Free NBP2-46629

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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NBP2-46629

GAD2/GAD65 Antibody (CL2736) - 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	CL2736
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

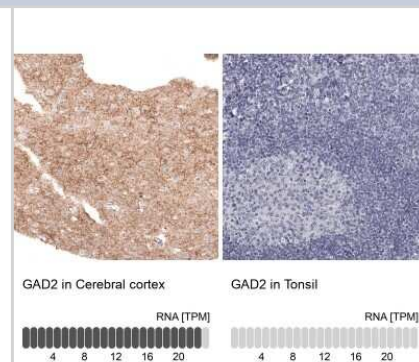
Product Description	
Description	Novus Biologicals Mouse GAD2/GAD65 Antibody (CL2736) - BSA Free (NBP2-46629) is a monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	2572
Gene Symbol	GAD2
Species	Human, Mouse, Rat
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 Q05329, with the exact immunogen sequence remaining proprietary.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

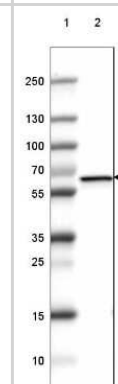


Images

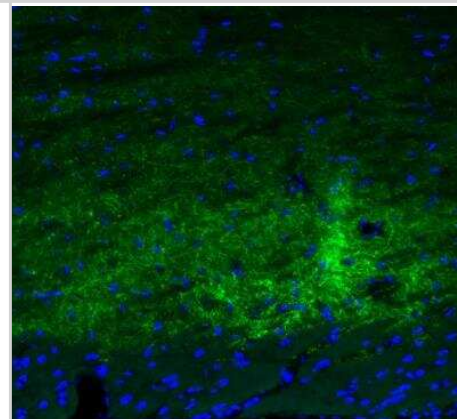
Immunohistochemistry-Paraffin: GAD2/GAD65 Antibody (CL2736) [NBP2-46629] - Analysis in human cerebral cortex and tonsil tissues using NBP2-46629 antibody. Corresponding GAD2/GAD65 RNA-seq data are presented for the same tissues.



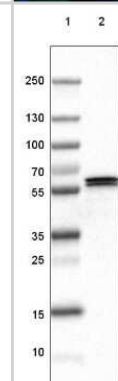
Western Blot: GAD2/GAD65 Antibody (CL2736) [NBP2-46629] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10. Lane 2: Mouse Cerebral Cortex tissue



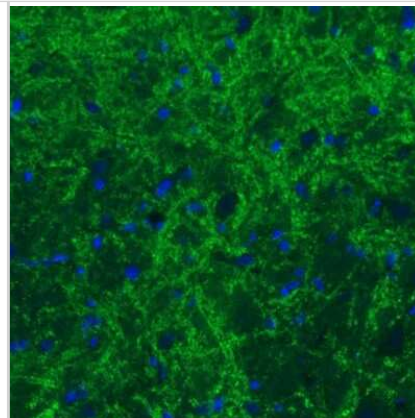
Immunohistochemistry: GAD2/GAD65 Antibody (CL2736) [NBP2-46629] - Staining of mouse midbrain shows moderate positivity in GABAergic neural fibers in the substantia nigra.



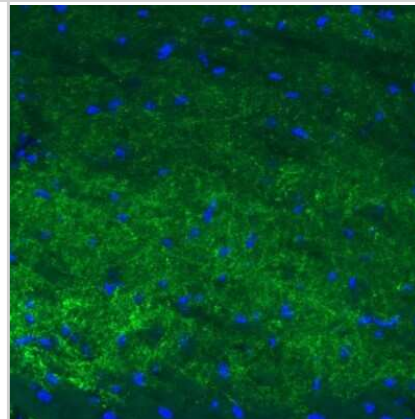
Western Blot: GAD2/GAD65 Antibody (CL2736) [NBP2-46629] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10. Lane 2: Human Cerebral Cortex tissue



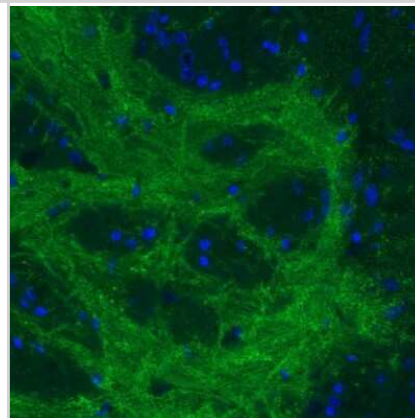
Immunohistochemistry: GAD2/GAD65 Antibody (CL2736) [NBP2-46629]
- Staining of rat basal forebrain shows moderate immunoreactivity in GABAergic fibers.



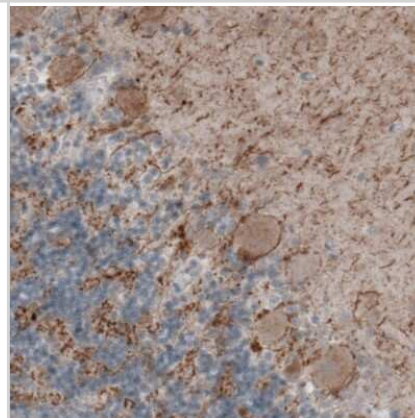
Immunohistochemistry: GAD2/GAD65 Antibody (CL2736) [NBP2-46629]
- Staining of mouse substantia nigra shows moderate positivity in GABAergic fibers in pars reticulata.



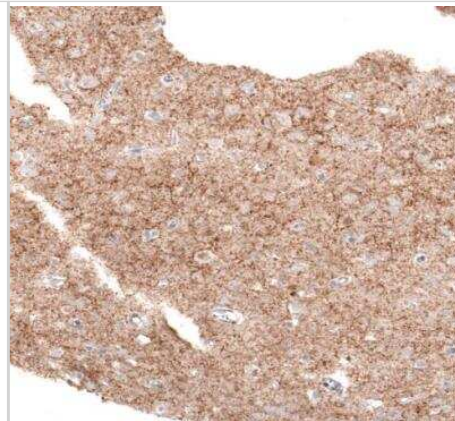
Immunohistochemistry: GAD2/GAD65 Antibody (CL2736) [NBP2-46629]
- Staining of rat globus pallidus shows moderate positivity in GABAergic neural fibers.



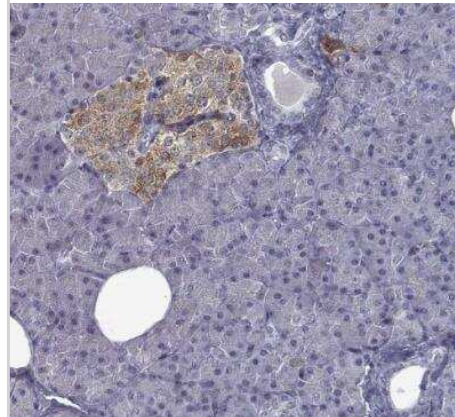
Immunohistochemistry-Paraffin: GAD2/GAD65 Antibody (CL2736) [NBP2-46629] - Staining of human cerebellum shows moderate immunoreactivity in GABAergic fibers in granular and molecular layers.



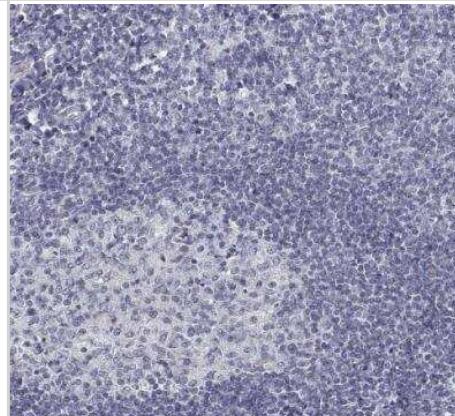
Immunohistochemistry-Paraffin: GAD2/GAD65 Antibody (CL2736) [NBP2-46629] - Staining of human cerebral cortex shows moderate to strong positivity in GABAergic neuronal processes.



Immunohistochemistry-Paraffin: GAD2/GAD65 Antibody (CL2736) [NBP2-46629] - Staining of human pancreas shows moderate cytoplasmic positivity in endocrine glandular cells.



Immunohistochemistry-Paraffin: GAD2/GAD65 Antibody (CL2736) [NBP2-46629] - Staining of human tonsil shows no positivity in non-germinal center cells as expected.





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Products Related to NBP2-46629

NBP2-46629PEP	GAD2/GAD65 Recombinant Protein Antigen
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.

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