

Product Datasheet

GAD2/GAD65 Antibody NB100-1506

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-1506**GAD2/GAD65 Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat GAD2/GAD65 Antibody (NB100-1506) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-GAD2/GAD65 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	2572
Gene Symbol	GAD2
Species	Human
Marker	GABAergic Neuronal Marker
Specificity/Sensitivity	This antibody is expected to recognise both reported variants.
Immunogen	Peptide with sequence C-TLEDNEERMSRLSK corresponding to internal region according to NP_000809.1, NP_001127838.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Western Blot 0.5-1.5 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 6-8 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx 65kDa band observed in Human Brain (Hippocampus) lysates (calculated MW of 65.4kDa according to NP_000809.1). Primary incubation was 1 hour.

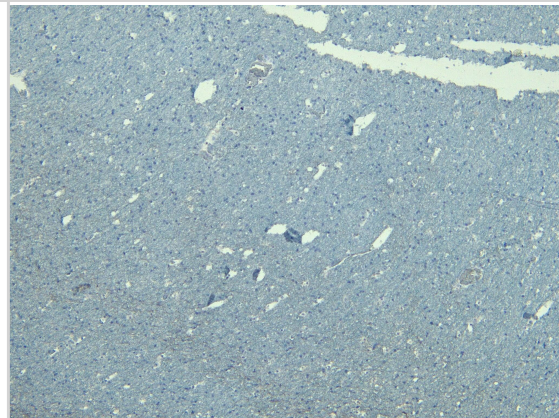


Images

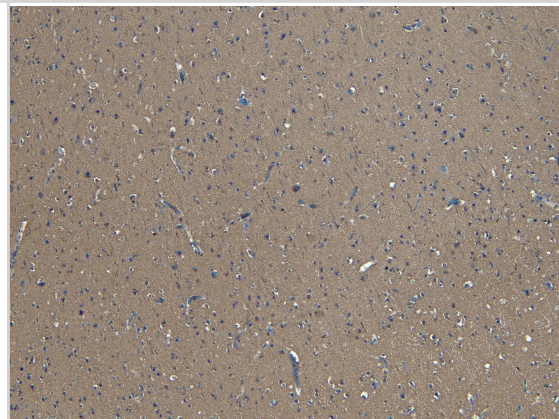
Western Blot: GAD2/GAD65 Antibody [NB100-1506] - (0.5ug/ml) staining of Human Brain (Hippocampus) lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.

250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

Immunohistochemistry-Paraffin: GAD2/GAD65 Antibody [NB100-1506] - Negative Control showing staining of paraffin embedded Human Cortex, with no primary antibody.



Immunohistochemistry-Paraffin: GAD2/GAD65 Antibody [NB100-1506] - (6ug/ml) staining of paraffin embedded Human Cortex. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



Publications

Meyre D, Boutin P, Tounian A et al. Is Glutamate Decarboxylase 2 (GAD2) a genetic link between low birth weight and subsequent development of obesity in children? J Clin Endocrinol Metab 2005-01-25 [PMID: 15671113]



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Products Related to NB100-1506

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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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