

Product Datasheet

GAD2/GAD65 Antibody NB110-41528

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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NB110-41528

GAD2/GAD65 Antibody

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.9% Sodium Azide
Isotype	IgG
Purity	Unpurified
Buffer	Whole antisera with 10mM PBS (pH 7.4)

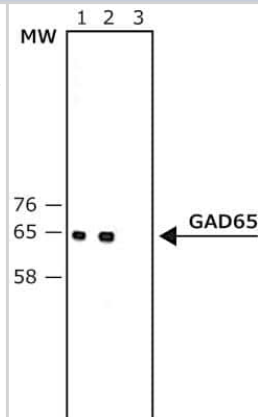
Product Description	
Host	Rabbit
Gene ID	2572
Gene Symbol	GAD2
Species	Human, Mouse, Rat, Porcine, Hamster, Monkey
Marker	GABAergic Neuronal Marker
Immunogen	Synthetic peptide corresponding to the N-terminal region (aa 5-22) of human GAD65.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, In vitro assay, Microarray
Recommended Dilutions	Western Blot 1:4000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:1000, In vitro assay, Microarray
Application Notes	This antibody is useful for In vitro assay (PMID: 21640980).



Images

Western Blot: GAD2/GAD65 Antibody [NB110-41528] - Whole extract of Rat brain were separated on SDS-PAGE and probed with Anti-Glutamic Acid Decarboxylase 65 (5-22) antibody produced in Rabbit. The antibody was developed using 1:10,000 Anti-Rabbit IgG (whole molecule)-Peroxidase antibody produced in Goat. Lanes: 1. 1:4000 antibody 2. 1:8000 antibody 3. Negative Control



Immunohistochemistry: GAD2/GAD65 Antibody [NB110-41528] - Formalin fixed, paraffin-embedded Rat pancreas tissue sections were stained with 1:1,000 Anti-Glutamic Acid Decarboxylase 65 (5-22) antibody produced in Rabbit followed by 20 ug/mL Anti-Rabbit IgG (whole molecule)-Biotin antibody produced in Goat and by 20 ug/mL ExtrAvidin-Peroxidase.



Immunohistochemistry-Paraffin: GAD2/GAD65 Antibody [NB110-41528] - GAD2/GAD65 labelling in Golden hamster hippocampal formation. Inset: hilus & dentate gyrus. Image from verified customer review.



Publications

Lee M, Suk K, Kang Y et al. Neurotoxic factors released by stimulated human monocytes and THP-1 cells. Brain Res. 11;1400:99-111. doi: 10.1016/j.brainres.2011.05.021. 2011-07-01 [PMID: 21640980]



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Products Related to NB110-41528

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00002572-P02-10ug	Recombinant Human GAD2/GAD65 GST (N-Term) 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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