

Product Datasheet

GAD2/GAD65 Antibody NB600-1093

Unit Size: 0.5 ml

Store at 4C. Do not freeze.

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NB600-1093**GAD2/GAD65 Antibody**

Product Information	
Unit Size	0.5 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS with BSA

Product Description	
Host	Rabbit
Gene ID	2572
Gene Symbol	GAD2
Species	Human, Rat
Reactivity Notes	Cross-reacts with Human and Rat. Not yet tested in other species.
Marker	GABAergic Neuronal Marker
Specificity/Sensitivity	This reacts with a 65 kD protein, known as GAD (Glutamate Decarboxylase)
Immunogen	A synthetic peptide derived from the C-terminus region of the human GAD65 protein.

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	IHC: This antibody may be diluted to a titer of 1:25-1:50 in an ABC method. We suggest an incubation period of 30 minutes at room temperature. However, depending upon the fixation conditions and the staining system employed, optimal incubation conditions and antibody dilutions should be determined by the user. Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining.

Publications

Zhang S, Hu S, Dong W et al. Prenatal dexamethasone exposure induces anxiety- and depressive-like behavior of male offspring rats through intrauterine programming of the activation of NRG1-ErbB4 signaling in hippocampal PV interneurons Cell biology and toxicology 2021-06-29 [PMID: 34189720]





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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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