

Product Datasheet

GAD1/GAD67 Antibody NBP1-06989

Unit Size: 0.1 mg

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

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Publications: 1

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NBP1-06989

GAD1/GAD67 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
Target Molecular Weight	67 kDa

Product Description	
Description	Novus Biologicals Goat GAD1/GAD67 Antibody (NBP1-06989) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-GAD1/GAD67 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	2571
Gene Symbol	GAD1
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 24291518)
Specificity/Sensitivity	This antibody is expected to recognize isoform GAD67. There is no cross-reactivity expected with GAD2.
Immunogen	Peptide with sequence C-PDSPQRREKLHK corresponding to internal region according to NP_000808.2.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Peptide ELISA
Recommended Dilutions	Western Blot 0.5 - 1.5 ug/ml, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:10 - 1:2000, Immunohistochemistry-Frozen, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 65 kDa band observed in human brain (cerebral cortex) lysates (calculated MW of 66.9 kDa band according to NP_000808.2). IHC-F, ICC/IF usage has been reported in scientific literature (PMID: 24291518), however, results may vary from lot to lot.



Images

Western Blot: GAD1/GAD67 Antibody [NBP1-06989] - Staining of Human Brain (Cerebellum) 35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



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

Publications

Mouton-Liger F, Sahun I, Collin T et al. Developmental molecular and functional cerebellar alterations induced by PCP4/PEP19 overexpression: Implications for Down syndrome. *Neurobiol Dis* 2014-03-01 [PMID: 24291518] (IHC-Fr, ICC/IF, WB, Mouse)



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Products Related to NBP1-06989

NBL1-10933	GAD1/GAD67 Overexpression Lysate
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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