

Anti-GAD65/67 Antibody

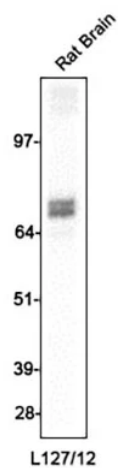


Product Details

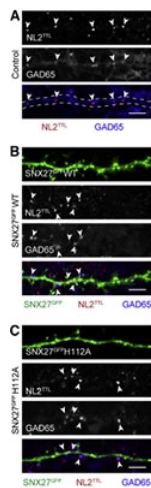
Available Variants	100 µL (SKU:75-508)
Conjugate	Unconjugated
Isotype	IgG2a
Clone	L127/12
Gene Name	GAD1, GAD, GAD67
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.125
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody.
Applications	AT, ELISA, ICC, IHC, WB
Dilution Ranges	ICC: 1:100
Species Reactivity	Human, Mouse, Rat
Immunogen	Fusion protein amino acids 1-594 (full-length) of human GAD67 (accession number Q99259) produced recombinantly in E. Coli
Specificity	Cross-reacts with GAD25, GAD44 and GAD65/GAD2
Molecular Weight	70 kDa
Quality Control	Each new lot of this antibody is tested to confirm that it recognizes a single immunoreactive band of expected molecular weight when used to probe brain lysate.

Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Antibody Registry ID	AB_2756510
UniProt ID	Q99259
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

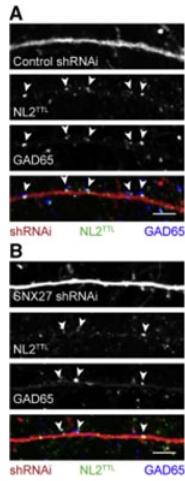
Product Images



Western blotting of rat brain homogenate (10 ug/lane) with anti-GAD65/67 (L127/12) at 1:100 dilution and detected with anti-mouse HRP.



Confocal images of immunostained rat dendritic section of hippocampal neurons labeled with GAD65 (Cat. 75-508, 1:100, blue), total NL2 (red), and synaptic NL2 (green). Neurons were overexpressing SNX27GFPWT (B), SNX27GFPH112A (C), or mock transfected (A, control). Image from publication CC-BY-4.0. PMID 31775031



Confocal images of immunostained rat dendritic section of hippocampal neurons labeled with GAD65 (Cat. 75-508, 1:100, blue), total NL2 (red), and synaptic NL2 (green). Neurons were overexpressing control shRNAi (A) or SNX27-specific shRNAi (B). Image from publication CC-BY-4.0. PMID 31775031

Product Page URL: www.antibodiesinc.com/products/anti-gad65-67-antibody-1127-12-75-508



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