

Anti-GABAA Receptor α 2 Antibody



Product Details

Available Variants	100 μ L (SKU:822-GA2CL) 25 μ L (SKU:822-GA2CLt)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	GABRA2
Host Species	Rabbit
Format	Antigen Affinity Purified from Pooled Serum
Physical State	Liquid
Buffer	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 μ g per ml BSA and 50% glycerol.
Production Notes	Prepared from pooled rabbit serum by affinity purification using a column to which the fusion protein immunogen was coupled.
Applications	ELISA, ICC, WB
Dilution Ranges	WB: 1:1000 WB Brain: 1:1000 ICC: 1:1000
Species Reactivity	Mouse, Rat
Immunogen	Fusion protein from the cytoplasmic loop of the α 2 subunit of rat GABAA receptor.
Specificity	Specific for endogenous levels of the ~51 kDa α 2-subunit of the GABAA receptor in Western blots. Labeling is absent in α 2-subunit knockout animals.
Molecular Weight	51 kDa
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at

-20°C.

Antibody Registry ID AB_2492101

UniProt ID [P23576](#)

Shipping Blue Ice

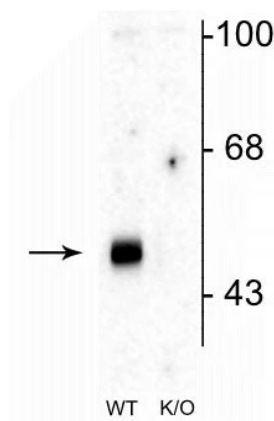
Expiration After date of receipt, stable for at least 1 year at -20°C.

Usage Statement For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.

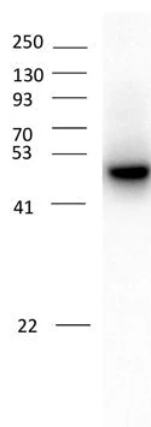
Expected Reactivity Bovine, Canine, Human, Non-Human Primate, Rat, Zebrafish

NCBI Gene ID 61856

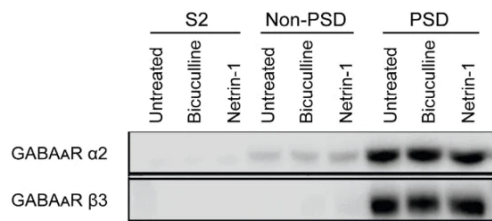
Product Images



Western blot of mouse brain lysates from wild type (WT) and $\alpha 2$ -knockout (K/O) animals showing specific immunolabeling of the ~51 kDa $\alpha 2$ -subunit of the GABAA-R. The labeling was absent from a lysate prepared from $\alpha 2$ -knockout animals.



Western blot of rat cortical neurons showing specific immunolabeling of the ~51 kDa $\alpha 2$ -subunit of the GABAA-R (1:1000). Image kindly provided by Lidong Liu, University of British Columbia, Vancouver.



Immunoblots showing GABAA Receptor α 2 (Cat. 822-GA2CL) and GABAA Receptor β 3 (Cat. 863A-GB3C) subunit expression in the cytosolic (S2), extrasynaptic (non-PSD), and synaptic (PSD) fractions of untreated, bicuculline-pretreated (20 μ M, 1h), or netrin-1 treated (250ng/ml, 1h) rat hippocampal neuronal cultures. Image from publication CC-BY-4.0. [PMID: 36323250](https://pubmed.ncbi.nlm.nih.gov/36323250/)

Product Page URL: www.antibodiesinc.com/products/anti-gaba-a-receptor-a-2-antibody-822-ga2cl



Created on 09. September 2026 | All information without guarantee