

Anti-GABAA Receptor α 1 Antibody



Product Details

Available Variants	100 μ L (SKU:811-GA1C) 25 μ L (SKU:811-GA1Ct)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	GABRA1
Host Species	Rabbit
Format	Antigen Affinity Purified
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 rabbit serum by affinity purification using a column to which the fusion protein immunogen was coupled.
Applications	ELISA, IHC, WB
Dilution Ranges	WB: 1:1000 WB Brain: 1:1000 IHC: 1:100
Species Reactivity	Mouse, Rat
Immunogen	Fusion protein from the cytoplasmic loop of the alpha 1 subunit of rat GABAA receptor.
Specificity	Specific for endogenous levels of the ~51 kDa α 1-subunit of the GABAA receptor. Labeling is absent in α 1-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_2492099

UniProt ID [P62813](#)

Shipping Blue Ice

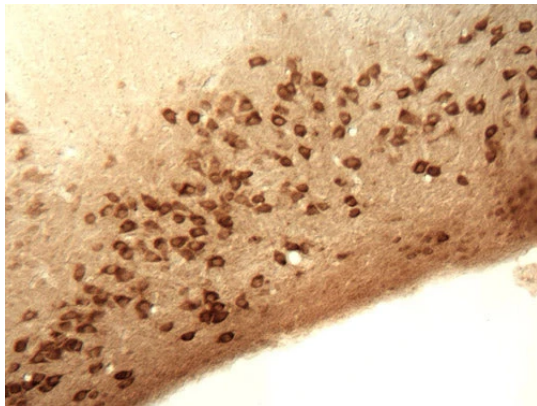
Expiration After date of receipt, stable for at least 1 year at -20°C.

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.

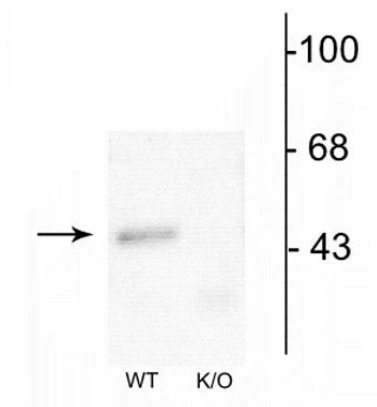
Expected Reactivity Bovine, Canine, Human, Non-Human Primate

NCBI Gene ID 29705

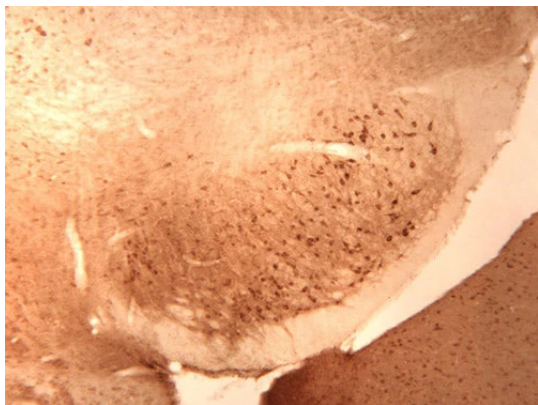
Product Images



Immunolabeling of mouse globus pallidus externus (subcortical structure) labelling the $\alpha 1$ -subunit of the GABAA Receptor (Cat. 811-GA1C, DAB, 1:100). Images courtesy Dr. Anton Reiner, University of Tennessee Health Science Center (Memphis, TN).



Western blot of mouse forebrain lysates from wild type (WT) and $\alpha 1$ -knockout (K/O) animals showing specific immunolabeling of the ~51 kDa $\alpha 1$ -subunit of the GABAA-R. The labeling was absent from a lysate prepared from $\alpha 1$ -knockout animals.



Immunolabeling of mouse substantia nigra (mid brain) labelling the $\alpha 1$ -subunit of the GABA_A Receptor (Cat. 811-GA1C, DAB, 1:100). Images courtesy Dr. Anton Reiner, University of Tennessee Health Science Center (Memphis, TN).

Product Page URL: www.antibodiesinc.com/products/anti-gabaa-receptor-a-1-antibody-811-ga1c



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