

Product Datasheet

GABA-AR alpha 3 Antibody - Azide Free NB100-61096

Unit Size: 0.1 ml

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

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NB100-61096

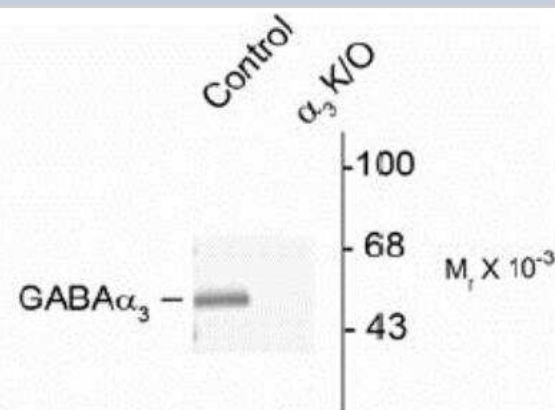
GABA-AR alpha 3 Antibody - Azide Free

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA and 50% Glycerol
Target Molecular Weight	51 kDa
Product Description	
Host	Rabbit
Gene ID	2556
Gene Symbol	GABRA3
Species	Mouse, Rat
Specificity/Sensitivity	Specific for endogenous levels of the ~51 kDa alpha3-subunit of the GABAA receptor. Immunolabeling is absent in alpha3-subunit knockout animals.
Immunogen	Synthetic peptide from the N-terminal region of the alpha 3 subunit. Accession # P20236
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockout Validated
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:100, Knockout Validated
Application Notes	Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID 19959723)



Images

Western Blot: GABA A R alpha 3 Antibody [NB100-61096] - Rat brain lysates from wild type (Control) and α_3 -knockout (α_3 -K/O) animals showing specific immunolabeling of the ~51k α_3 -subunit of the GABA A R. The labeling was absent from a lysate prepared from α_3 -knockout animals.



Immunohistochemistry: GABA A R alpha 3 Antibody [NB100-61096] - Immunostaining of rat amygdala showing labelling of GABA A R alpha 3



Publications

Li S, Jiang X, Wu Q et al. Electroacupuncture Suppresses CCI-Induced Neuropathic Pain through GABAA Receptors Evidence-based complementary and alternative medicine : eCAM 2022-10-07 [PMID: 36248405] (WB, Rat)

Yamasaki T, Hoyos-Ramirez E, Martenson JS et al. GARLH Family Proteins Stabilize GABAA Receptors at Synapses.. Neuron. 2017-03-08 [PMID: 28279354]

Schwirtlich M, Emri Z, Antal K et al. GABAA and GABAB receptors of distinct properties affect oppositely the proliferation of mouse embryonic stem cells through synergistic elevation of intracellular Ca²⁺. FASEB J. [PMID: 19959723] (ICC/IF, Mouse)



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Products Related to NB100-61096

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00002556-P02-10ug	Recombinant Human GABA-AR alpha 3 GST (N-Term) Protein

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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