

Product Datasheet

GABA-A R beta 2 Antibody - Azide Free NB300-198

Unit Size: 0.1 ml

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

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NB300-198

GABA-A R beta 2 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	55 kDa

Product Description

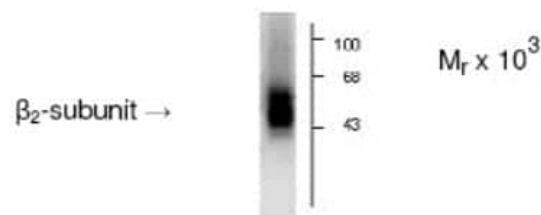
Host	Rabbit
Gene ID	2561
Gene Symbol	GABRB2
Species	Mouse, Rat
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 16807363).
Specificity/Sensitivity	Specific for endogenous levels of the ~55 kDa beta 2-subunit of the GABAA receptor.
Immunogen	Fusion protein from the cytoplasmic loop of the beta 2 subunit. Accession # P63138

Product Application Details

Applications	Western Blot
Recommended Dilutions	Western Blot 1:1000
Application Notes	Immunoprecipitation 15 ug ** ** 68% of all GABA-A receptors in dodecylsulfate extracts of rat forebrains (150 ul)

Images

Western Blot: GABA-A R beta 2 Antibody [NB300-198] - 7 ug of rat cerebellum (Cb) showing specific immunolabeling of the ~55k beta2-subunit of the GABA-AR.



Publications

Iba H, Watanabe T, Motomura S et al. A Japanese herbal medicine attenuates anxiety-like behavior through GABAA receptor and brain-derived neurotrophic factor expression in a rat model of premenstrual syndrome Journal of pharmacological sciences 2021-01-01 [PMID: 33357772] (WB, Rat)

Bohnsack JP, Carlson SL, Morrow AL. Differential regulation of synaptic and extrasynaptic alpha4 GABA(A) receptor populations by protein kinase A and protein kinase C in cultured cortical neurons. Neuropharmacology 2016-06-01 [PMID: 26767953]

Werner DF. Elucidating the Role of Alpha1-containing GABA(A) Receptors in Ethanol Action PhD Thesis University of Pittsburgh (ISBN 0549455426, 9780549455424). 2007-01-01 (WB, Mouse)

Borghese CM, Werner DF, Topf N et al. An isoflurane- and alcohol-insensitive mutant GABA(A) receptor alpha(1) subunit with near-normal apparent affinity for GABA: characterization in heterologous systems and production of knockin mice. J Pharmacol Exp Ther. 2006-10-01 [PMID: 16807363] (WB, Mouse)





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Products Related to NB300-198

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00002561-P01-2ug	Recombinant Human GABA-A R beta 2 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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