

Product Datasheet

GABA-AR alpha 5 Antibody - Azide Free NB300-195

Unit Size: 0.1 ml

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

www.novusbio.com



technical@novusbio.com

Publications: 6

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB300-195

Updated 9/9/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NB300-195



NB300-195**GABA-AR alpha 5 Antibody - Azide Free**

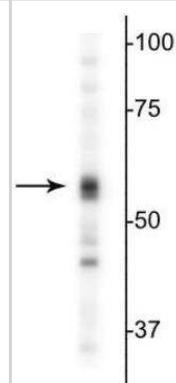
Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA and 50% Glycerol
Target Molecular Weight	55 kDa

Product Description	
Description	Novus Biologicals Rabbit GABA-AR alpha 5 Antibody - Azide Free (NB300-195) is a polyclonal antibody validated for use in IHC and WB. Anti-GABA-AR alpha 5 Antibody: Cited in 6 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2558
Gene Symbol	GABRA5
Species	Mouse, Rat
Specificity/Sensitivity	Specific for endogenous levels of the ~55 kDa alpha 5-subunit of the GABAA receptor.
Immunogen	Fusion protein from the cytoplasmic loop of the alpha 5 subunit of GABA-AR alpha 5. Accession # P19969

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry Free-Floating
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry Free-Floating
Application Notes	Use in Immunohistochemistry reported in scientific literature (PMID: 28352479). Use in Immunohistochemistry-free floating reported in scientific literature (PMID: 26322928).

Images

Western Blot: GABA-A R alpha 5 Antibody [NB300-195] - Mouse whole brain showing specific immunolabelling of the ~55kDa alpha 5-subunit of the GABAA R.



Publications

Auta J, Locci A, Guidotti A et al. Sex-dependent sensitivity to positive allosteric modulation of GABA action in an APP knock-in mouse model of Alzheimer's disease: Potential epigenetic regulation *Current Research in Neurobiology* 2021-12-21 [PMID: 36518344] (WB, Mouse)

You C, Vandegrift BJ, Zhang H et al. Histone deacetylase inhibitor suberanilohydroxamic acid (SAHA) treatment reverses hyposensitivity to g-aminobutyric acid in the ventral tegmental area during ethanol withdrawal *Alcohol. Clin. Exp. Res.* 2018-08-13 [PMID: 30103280] (IF/IHC, Rat)

Lu CY, Liu D, Jiang H et al. Effects of traumatic stress induced in the juvenile period on the expression of Gamma-aminobutyric acid receptor type A subunits in adult rat brain. *Hindawi Neural Plasticity.* 2017-03-02 [PMID: 28352479] (IF/IHC, WB, Rat)

Botta P, Demmou L, Kasugai Y et al. Regulating anxiety with extrasynaptic inhibition. *Nat. Neurosci.* 2015-10-01 [PMID: 26322928] (WB, IHC-FrFI, Mouse)

Blednov YA, Walker DL, Iyer SV et al. Mice lacking Gad2 show altered behavioral effects of ethanol, flurazepam and gabaxadol. *Addict Biol* 2010-01-01 [PMID: 20002022] (WB, Mouse)

Pinna, G et al. Imidazenil diazepam increase locomotor activity in mice exposed to protracted social isolation. *PNAS.* 103:4275-4280. 2006-01-01 [PMID: 16537521] (WB, Mouse)





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB300-195

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NB300-195

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

