

# Product Datasheet

## GABA-A R beta 3 [p Ser409, p Ser408] Antibody - Azide Free NBP2-29508

Unit Size: 0.1 ml

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

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 3

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**NBP2-29508**

GABA-A R beta 3 [p Ser409, p Ser408] Antibody - Azide Free

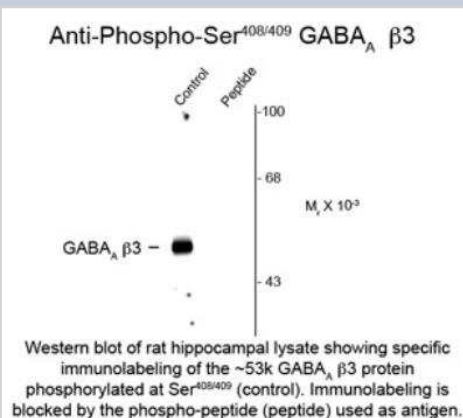
Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA and 50% Glycerol
Target Molecular Weight	53 kDa

Product Description	
Description	Novus Biologicals Rabbit GABA-A R beta 3 [p Ser409, p Ser408] Antibody - Azide Free (NBP2-29508) is a polyclonal antibody validated for use in WB. Anti-GABA-A R beta 3 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2562
Gene Symbol	GABRB3
Species	Mouse, Rat
Specificity/Sensitivity	Specific for endogenous levels of the ~53 kDa GABA-A R beta 3 subunit phosphorylated at Ser408/409. Immunolabeling is blocked by preadsorption with the phosphopeptide used as antigen, but not by the corresponding non-phosphopeptide.
Immunogen	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser408/409 conjugated to KLH. Accession # P63079
Preparation Method	Prepared from rabbit serum by affinity purification via sequential chromatography on phospho- and dephospho-peptide affinity columns.

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 1:1000

**Images**

Western Blot: GABA-A R beta 3 [p Ser409, p Ser408] Antibody [NBP2-29508] - Western blot of rat hippocampal lysate showing specific immunolabeling of the ~53k GABA-A R beta 3 protein phosphorylated at Ser408/409 (control). Immunolabeling is blocked by the phospho-peptide (peptide) used as antigen but not by the corresponding dephosphopeptide (not shown).



## Publications

Li Q, Li QQ, Jia JN et al. Sodium Valproate Ameliorates Neuronal Apoptosis in a kainic Acid Model of Epilepsy via Enhancing PkC-Dependent GABAAR g2 Serine 327 Phosphorylation. *Neurochem. Res.* 2018-10-11 [PMID: 30311181] (WB, Rat)

Brewer AL, Liu S, Buhler AVK et al. Role of spinal GABA receptors in the acute antinociceptive response of mice to hyperbaric oxygen *Brain Res.* 2018-08-02 [PMID: 30077648] (WB, Mouse)

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]





### **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 NBP2-29508**

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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

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### **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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