

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.

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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

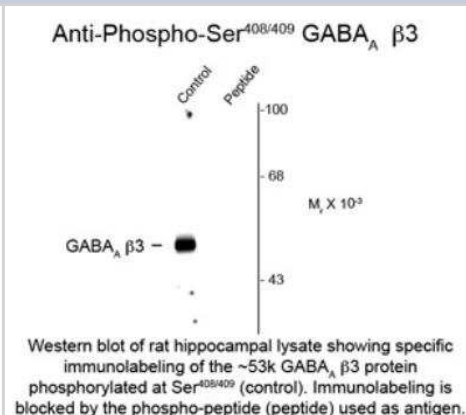
Host	Rabbit
Gene ID	2562
Gene Symbol	GABRB3
Species	Mouse, Rat
Specificity/Sensitivity	Specific for endogenous levels of the ~53 kDa GABA-A R beta 3 subunit phosphorylated at Ser408/409. Immunolabeling is blocked by preadsorption with the phosphopeptide used as antigen, but not by the corresponding non-phosphopeptide.
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 $\alpha 2$ 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 $\alpha 4$ GABA(A) receptor populations by protein kinase A and protein kinase C in cultured cortical neurons. *Neuropharmacology* 2016-06-01 [PMID: 26767953]





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Products Related to NBP2-29508

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBL1-10922	GABA-A R beta 3 Overexpression Lysate

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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