

Anti-GABAB Receptor (Ser923), R1-Subunit Antibody

Our Anti-GABAB Receptor (Ser923), R1-Subunit rabbit polyclonal phosphospecific primary antibody from
Catalog # AN1407

Product Information

Application	WB
Primary Accession	Q9Z0U4
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	108204

Additional Information

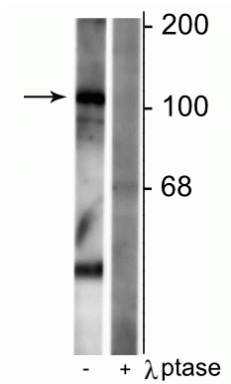
Gene ID	81657
Other Names	dj271M21.1.1 antibody, dj271M21.1.2 antibody, FLJ92613 antibody, GABA-B receptor 1 antibody, GABA-B-R1 antibody, GABA-BR1 antibody, GABAB R1 antibody, GABAB subunit 1c antibody, GABABR1 antibody, GABBR1 3 antibody, GABBR1 antibody, GABR1_HUMAN antibody, Gamma aminobutyric acid (GABA) B receptor 1 antibody, Gamma-aminobutyric acid type B receptor subunit 1 antibody, Gb1 antibody, GPRC3A antibody, Seven transmembrane helix receptor antibody
Target/Specificity	Gamma-aminobutyric acid (GABA) is the primary inhibitory neurotransmitter in the central nervous system. There are two major classes of GABA receptors: the GABA-A and the GABA-B subtype of receptors. GABA-B receptors are heterodimeric G protein-coupled receptors that mediate slow synaptic inhibition in the central nervous system. Phosphorylation enhances GABA-B receptor effector coupling (Couve et al., 2004). Phosphorylation of Ser-923 is thought to be important in the regulation of GABA-B receptor function.
Dilution	WB~~1:1000
Format	Antigen Affinity Purified from Pooled Serum
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Anti-GABAB Receptor (Ser923), R1-Subunit Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
Shipping	Blue Ice

Background

Gamma-aminobutyric acid (GABA) is the primary inhibitory neurotransmitter in the central nervous system.

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Images



Western blot of rat synaptic membrane lysate showing specific immunolabeling of the ~102 kDa GABAB R1 protein phosphorylated at Ser923 in the first lane (-). Phosphospecificity is shown in the second lane (+) where immunolabeling is completely eliminated by blot treatment with lambda phosphatase (λ -Ptase, 1200 units for 30 min).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.