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**GABAA Receptor gamma-2 (Ser327)  
Antibody**

**Subcategory:** Rabbit Polyclonal Antibody, Phosphospecific Antibody

**Cat. No.:** 252542

**Unit:** 0.1 ml

**Description:**

Gamma-aminobutyric acid receptor subunit gamma-2 (GABAA Receptor, g2) is a receptor for gamma-aminobutyric acid (GABA), the major inhibitory neurotransmitter in the vertebrate brain. GABA mediates neuronal inhibition by binding to the GABA/benzodiazepine receptor and opening an integral chloride channel. The GABA receptor is pentameric in structure, and there are five types of GABA(A) receptor chains: alpha, beta, gamma, delta, and rho. It has recently been suggested that PKC regulates the sensitivity of GABAA  $\alpha 1\beta 2\gamma 2$  receptors to ethanol and benzodiazepines through phosphorylation of serine 327 in the large intracellular loop of g2.

**Isotype:** Rabbit Ig

**Applications:** E, WB

**Species Reactivity:** R, B, D, Ck, X, Zf

**Format:** Each vial contains 0.1 ml IgG in HEPES pH7.5, 150 mM NaCl, 0.01% BSA and 50% glycerol. Antibody was purified by immunogen affinity chromatography.

**Alternate Names:** Gamma-aminobutyric acid receptor subunit gamma-2; GABA(A) receptor subunit gamma-2; Gabrg2; GABAA Receptor, g2

**Accession No.:** P18508

**Antigen:** KLH-conjugated synthetic phosphopeptide encompassing a sequence surrounding Ser327 of rat GABAA receptor, g2.

**Application Notes:** E: 1:1,000; WB: 1:1,000

**Storage:** Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.