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GABRA1 Polyclonal Antibody

Cat #: G-AB-07737

Host: Rabbit **Reactivity:** Mouse

Isotype: IgG **Clonality:**

Overview:
This gene encodes a gamma-aminobutyric acid (GABA) receptor. GABA is the major inhibitory neurotransmitter in the mammalian brain where it acts at GABA-A receptors, which are ligand-gated chloride channels. Chloride conductance of these channels can be modulated by agents such as benzodiazepines that bind to the GABA-A receptor. GABA-A receptors are pentameric, consisting of proteins from several subunit classes: alpha, beta, gamma, delta and rho. Mutations in this gene cause juvenile myoclonic epilepsy and childhood absence epilepsy type 4. Multiple transcript variants encoding the same protein have been identified for this gene.

Gene ID: 2554

Accession #:

Immunogen: Recombinant fusion protein of human GABRA1 (NP_000797.2).

Conjugation: Unconjugated

Swissprot: P14867

Calculated Molecular Weight: 51 kDa

Observed Molecular Weight: 52 kDa

Concentration: 1 mg/mL

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3

Purification Method: Affinity purification

Application: WB

Dilution: WB 1:500-1:1000

Storage: Store at -20°C. Avoid freeze / thaw cycles.