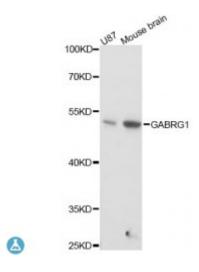
## **Anti-GABRG1** Antibody



**Description** The protein encoded by this gene belongs to the ligand-gated ionic channel

family. It is an integral membrane protein and plays an important role in inhibiting neurotransmission by binding to the benzodiazepine receptor and opening an integral chloride channel. This gene is clustered with three

other family members on chromosome 4.

Model STJ116453

**Host** Rabbit

**Reactivity** Human, Mouse, Rat

**Applications** WB

Immunogen Recombinant fusion protein containing a sequence corresponding to amino

acids 200-260 of human GABRG1 (NP\_775807.2).

**Gene ID** 2565

Gene Symbol GABRG1

**Dilution range** WB 1:500 - 1:2000

**Purification** Affinity purification

**Note** For Research Use Only (RUO).

Protein Name Gamma-aminobutyric acid receptor subunit gamma-1 GABA(A receptor

subunit gamma-1

Molecular Weight 53.595 kDa

**Clonality** Polyclonal

**Conjugation** Unconjugated

**Isotype** IgG

**Formulation** PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Storage Instruction** Store at -20C. Avoid freeze / thaw cycles.

Database Links HGNC:4086OMIM:137166

Alternative Names Gamma-aminobutyric acid receptor subunit gamma-1 GABA(A receptor

subunit gamma-1

**Function** GABA, the major inhibitory neurotransmitter in the vertebrate brain, mediates

neuronal inhibition by binding to the GABA/benzodiazepine receptor and

opening an integral chloride channel

Cellular Localization Cell junction, synapse, postsynaptic cell membrane

**Post-translational Modifications** 

May be palmitoylated,

St John's Laboratory Ltd

**F** +44 (0)207 681 2580

T+44 (0)208 223 3081

W http://www.stjohnslabs.com/

E info@stjohnslabs.com