

# GABRB2 GABA A Receptor beta 2 Antibody PE Conjugated

Catalog No: #C01701P

Package Size: #C01701P 100ul

## Description

|                       |                                                                                                                                                                                                                                                         |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | GABRB2 GABA A Receptor beta 2 Antibody PE Conjugated                                                                                                                                                                                                    |
| Host Species          | Rabbit                                                                                                                                                                                                                                                  |
| Clonality             | Polyclonal                                                                                                                                                                                                                                              |
| Isotype               | IgG                                                                                                                                                                                                                                                     |
| Purification          | Purified by Protein A.                                                                                                                                                                                                                                  |
| Applications          | ICC IF                                                                                                                                                                                                                                                  |
| Species Reactivity    | Hu Ms Rt                                                                                                                                                                                                                                                |
| Immunogen Description | KLH conjugated synthetic peptide derived from human GABRB2 GABA A Receptor beta 2                                                                                                                                                                       |
| Conjugates            | PE                                                                                                                                                                                                                                                      |
| Target Name           | GABRB2 GABA A Receptor beta 2                                                                                                                                                                                                                           |
| Other Names           | GABA; GABAA receptor subunit beta-2; GABRB2; Gamma aminobutyric acid GABA A receptor, beta 2; Gamma aminobutyric acid A receptor beta 2; Gamma-aminobutyric acid receptor subunit beta-2; Gamma-aminobutyric-acid receptor subunit beta-2; GBRB2_HUMAN, |
| Cell Localization     | Extracellular                                                                                                                                                                                                                                           |
| Concentration         | 1mg ml                                                                                                                                                                                                                                                  |
| Formulation           | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.                                                                                                                                                                                        |
| Storage               | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.                                                                                                                                                                         |

## Application Details

ICC=1:50-200 IF=1:50-200

## Background

GAD-65 and GAD-67, glutamate decarboxylases, function to catalyze the production of GABA (gamma-aminobutyric acid). In the central nervous system GABA functions as the main inhibitory transmitter by increasing a Cl<sup>-</sup> conductance that inhibits neuronal firing. GABA has been shown to activate both ionotropic (GABAA) and metabotropic (GABAB) receptors as well as a third class of receptors called GABAC. Both GABAA and GABAC are ligand-gated ion channels, however, they are structurally and functionally distinct.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.