

GABRB2 GABA A Receptor beta 2 Antibody PE Conjugated

Catalog No: #C01701P

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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,
Excitation Emission	480,565nm 578nm
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⁻ 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