GABRB2 polyclonal antibody

Catalog # PAB15630 Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised aganist synthetic peptide of GABRB2.
Immunogen	A synthetic peptide corresponding to amino acids at internal region of human GABRB2.
Sequence	C-HSFGRNALERHVAQ
Host	Goat
Theoretical MW (kDa)	59.2, 54.6
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:4000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — GABRB2

Entrez GeneID	2561
Protein Accession#	NP_068711.1
Gene Name	GABRB2
Gene Alias	MGC119386, MGC119388, MGC119389
Gene Description	gamma-aminobutyric acid (GABA) A receptor, beta 2
Omim ID	600232
Gene Ontology	Hyperlink
Gene Summary	The gamma-aminobutyric acid (GABA) A receptor is a multisubunit chloride channel that mediates the fastest inhibitory synaptic transmission in the central nervous system. This gene encodes GABA A receptor, beta 2 subunit. It is mapped to chromosome 5q34 in a cluster comprised of genes encoding alpha 1 and gamma 2 subunits of the GABA A receptor. Alternative splicing of this gene generates 2 transcript variants, differing by a 114 bp insertion. [provided by RefSeq
Other Designations	OTTHUMP00000160872

Publication Reference

- Association of SNPs and haplotypes in GABAA receptor beta2 gene with schizophrenia.

  Lo WS, Lau CF, Xuan Z, Chan CF, Feng GY, He L, Cao ZC, Liu H, Luan QM, Xue H.

  Molecular Psychiatry 2004 Jun; 9(6):603.

Pathway

- Neuroactive ligand-receptor interaction

Disease

- Alcoholism
- Anorexia Nervosa
- Bipolar Disorder
- Bulimia
- Cues

- Disease Models
- Disease Susceptibility
- Dyskinesia
- Genetic Predisposition to Disease
- Heroin Dependence
- Mental Disorders
- Obesity
- Ovarian Failure
- Polycystic Ovary Syndrome
- Postmortem Changes
- Psychotic Disorders
- Puberty
- Schizophrenia
- Thrombophilia
- Tobacco Use Disorder