

RecomAb™

GABRB2 recombinant monoclonal antibody, clone R09-4N6

Catalog # RAB05271 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human GABA A Receptor beta 2.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human GABA A Receptor beta 2
Theoretical MW (kDa)	Calculated MW: 59 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1/500-1/1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol and 0.02% Sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Gene Info — GABRB2

Entrez GeneID	2561
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

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](#)