

RecomAb™

GABRA5 recombinant monoclonal antibody, clone R02-1B1

Catalog # RAB05251 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human GABA A Receptor alpha 5.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human GABA A Receptor alpha 5
Theoretical MW (kDa)	Calculated MW: 52 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1/50-1/200) 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
- Immunocytochemistry

- Immunofluorescence

Gene Info — GABRA5

Entrez GeneID	2558
Gene Name	GABRA5
Gene Alias	MGC138184
Gene Description	gamma-aminobutyric acid (GABA) A receptor, alpha 5
Omim ID	137142
Gene Ontology	Hyperlink
Gene Summary	GABA is the major inhibitory neurotransmitter in the mammalian brain where it acts at GABA-A receptors, which are ligand-gated chloride channels. Chloride conductance of these channels can be modulated by agents such as benzodiazepines that bind to the GABA-A receptor. At least 16 distinct subunits of GABA-A receptors have been identified. Transcript variants utilizing three different alternative non-coding first exons have been described. [provided by RefSeq]
Other Designations	-

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Anorexia Nervosa](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Mental Retardation](#)
- [Migraine with Aura](#)
- [Mood Disorders](#)
- [NARP](#)
- [Psychotic Disorders](#)
- [Schizophrenia](#)