

RecomAb™

GABRA1 recombinant monoclonal antibody, clone 1F4

Catalog # RAB03477 Size 200 ug

Specification

Product Description	Mouse recombinant monoclonal antibody raised against human GABRA1.
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Antibody Species	Mouse
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Immunogen	Original antibody is raised against alpha1beta2gamma2 GABA-A receptor.
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Reactivity	Human
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Form	Liquid
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Isotype	IgG2b kappa
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Recommend Usage	Crystallography The optimal working dilution should be determined by the end user.
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Storage Buffer	In PBS with 0.02% Proclin 300
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Storage Instruction	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.
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Applications

- Crystallography

Gene Info — GABRA1

Entrez GeneID	2554
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Gene Name	GABRA1
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Gene Alias	ECA4, EJM
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Gene Description	gamma-aminobutyric acid (GABA) A receptor, alpha 1
Omim ID	137160 606904
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a gamma-aminobutyric acid (GABA) receptor. 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. GABA-A receptors are pentameric, consisting of proteins from several subunit classes: alpha, beta, gamma, delta and rho. Mutations in this gene cause juvenile myoclonic epilepsy and childhood absence epilepsy type 4. Multiple transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000160870

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alcoholic Intoxication](#)
- [Alcoholism](#)
- [Amphetamine-Related Disorders](#)
- [Anorexia Nervosa](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Dystonic Disorders](#)
- [Edema](#)
- [Epilepsy](#)
- [Essential tremor](#)

- [Genetic Predisposition to Disease](#)
- [Heroin Dependence](#)
- [Mental Disorders](#)
- [Mood Disorders](#)
- [Myoclonic Epilepsy](#)
- [Psychoses](#)
- [Puberty](#)
- [Schizophrenia](#)