

GABBR1 (Human) Cell-Based ELISA Kit

Catalog # KA2879

Size 1 Kit

Specification

Product Description	GABBR1 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of GABBR1 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — GABBR1

Entrez GeneID	2550
Protein Accession#	Q9UBS5
Gene Name	GABBR1
Gene Alias	FLJ92613, GABAB(1e), GABABR1, GABBR1-3, GPRC3A, dJ271M21.1.1, dJ271M21.1.2, hGB1a
Gene Description	gamma-aminobutyric acid (GABA) B receptor, 1

Omim ID [603540](#)

Gene Ontology [Hyperlink](#)

Gene Summary

Gamma-aminobutyric acid (GABA) is the main inhibitory neurotransmitter in the mammalian central nervous system. GABA exerts its effects through ionotropic [GABA(A/C)] receptors, to produce fast synaptic inhibition, and metabotropic [GABA(B)] receptors, to produce slow, prolonged inhibitory signals. The GABA(B) receptor consists of a heterodimer of two related 7-transmembrane receptors, GABA(B) receptor 1 and GABA(B) receptor 2. The GABA(B) receptor 1 gene is mapped to chromosome 6p21.3 within the HLA class I region close to the HLA-F gene. Susceptibility loci for multiple sclerosis, epilepsy, and schizophrenia have also been mapped in this region. Alternative splicing of this gene generates multiple transcript variants. [provided by RefSeq]

Other Designations

GABA-B receptor|GABAB, subunit 1c|OTTHUMP00000029114|OTTHUMP00000029115|OTTHUMP00000029116|OTTHUMP00000109099|gamma-aminobutyric acid (GABA) B receptor 1|seven transmembrane helix receptor

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Anorexia Nervosa](#)
- [Bulimia](#)
- [Carcinoma](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Mental Disorders](#)
- [Multiple Sclerosis](#)
- [Narcolepsy](#)
- [Nasopharyngeal Neoplasms](#)
- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)

- [Schizophrenic Psychology](#)
- [Sclerosis](#)
- [Seizures](#)
- [Sleep Apnea](#)
- [Sleep Stages](#)
- [Syndrome](#)
- [Tobacco Use Disorder](#)