

GABRG2 rabbit monoclonal antibody

Catalog # H00002566-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GABRG2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human GABRG2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human GABRG2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — GABRG2

Entrez GeneID	2566
GeneBank Accession#	GABRG2
Gene Name	GABRG2
Gene Alias	CAE2, ECA2, GEFSP3
Gene Description	gamma-aminobutyric acid (GABA) A receptor, gamma 2
Omim ID	137164 604233 607208 607681
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. GABA-A receptors are pentameric, consisting of proteins from several subunit classes: alpha, beta, gamma, delta and rho. Mutations in this gene have been associated with epilepsy and febrile seizures. Multiple transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq]
Other Designations	gamma-aminobutyric acid A receptor, gamma 2

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alcoholism](#)
- [Amphetamine-Related Disorders](#)
- [Anorexia Nervosa](#)
- [Anxiety Disorders](#)
- [Bipolar Disorder](#)
- [Bulimia](#)

- [Cues](#)
- [Depressive Disorder](#)
- [Disease Models](#)
- [Diseases in Twins](#)
- [Dystonic Disorders](#)
- [Epilepsies](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Heroin Dependence](#)
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