GABRG1 rabbit monoclonal antibody

Catalog # H00002565-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GABRG1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human GABRG1 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 GABRG1 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 in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — GABRG1

Entrez GeneID	2565
GeneBank Accession#	GABRG1
Gene Name	GABRG1
Gene Alias	DKFZp686H2042, MGC33838
Gene Description	gamma-aminobutyric acid (GABA) A receptor, gamma 1
Omim ID	137166
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the ligand-gated ionic channel family. It is an integral membrane protein and plays an important role in inhibiting neurotransmission by binding to the be nzodiazepine receptor and opening an integral chloride channel. This gene is clustered with three other family members on chromosome 4. [provided by RefSeq
Other Designations	gamma-1 polypeptide|gamma-aminobutyric acid A receptor, gamma 1

Pathway

- Neuroactive ligand-receptor interaction

Disease

- Alcoholism
- Anorexia Nervosa
- Autistic Disorder
- Bipolar Disorder
- Bulimia
- Genetic Predisposition to Disease
- Mental Disorders

- Mental Retardation
- Psychotic Disorders
- Schizophrenia
- Tobacco Use Disorder