

GABRD rabbit monoclonal antibody

Catalog # H00002563-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GABRD peptide using ARM Technology.
Immunogen	A synthetic peptide of human GABRD 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 GABRD 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 — GABRD

Entrez GeneID	2563
GeneBank Accession#	GABRD
Gene Name	GABRD
Gene Alias	MGC45284
Gene Description	gamma-aminobutyric acid (GABA) A receptor, delta
Omim ID	137163
Gene Ontology	Hyperlink
Gene Summary	<p>Gamma-aminobutyric acid (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. The GABA-A receptor is generally pentameric and there are five types of subunits : alpha, beta, gamma, delta, and rho. This gene encodes the delta subunit. Mutations in this gene have been associated with susceptibility to generalized epilepsy with febrile seizures, type 5. Alternatively spliced transcript variants have been described for this gene, but their biological validity has not been determined. [provided by RefSeq]</p>
Other Designations	GABA(A) receptor subunit delta GABA-A receptor, delta polypeptide OTTHUMP00000038578

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Disease Models](#)
- [Epilepsy](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Mood Disorders](#)