

GABRA3 rabbit monoclonal antibody

Catalog # H00002556-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GABRA3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human GABRA3 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 GABRA3 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 — GABRA3

Entrez GeneID	2556
GeneBank Accession#	GABRA3
Gene Name	GABRA3
Gene Alias	MGC33793
Gene Description	gamma-aminobutyric acid (GABA) A receptor, alpha 3
Omim ID	305660
Gene Ontology	Hyperlink
Gene Summary	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. At least 16 distinct subunits of GABA-A receptors have been identified. [provided by RefSeq]
Other Designations	OTTHUMP00000025897 OTTHUMP00000025898 gamma-aminobutyric acid A receptor, alpha 3 gamma-animobutyric acid (GABA) A receptor, alpha 3

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Affective Disorders](#)
- [Anorexia Nervosa](#)
- [Anxiety Disorders](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)

- [Bulimia](#)
- [Depressive Disorder](#)
- [Disease Models](#)
- [Diseases in Twins](#)
- [Dyskinesia](#)
- [Genetic Predisposition to Disease](#)
- [Hyperthyroidism](#)
- [Hypokalemia](#)
- [Mental Disorders](#)
- [NARP](#)
- [Neurotic Disorders](#)
- [Schizophrenia](#)
- [Thyroid Crisis](#)