

GABRA3 monoclonal antibody (M02), clone 3C6

Catalog # H00002556-M02

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant GABRA3.
Immunogen	GABRA3 (AAH28629.1, 1 a.a. ~ 492 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MITQTSHCYMTSLGILFLINILPGTTGQGESSRRQEPGDFVKQDIGGLSPKHAPDIPDDSTDNITIFTRIL DRLLDGYDNRLRPGLGDAVTEVKTDIYVTSFGPVSDTDMEYIDVFFRQTWDERLKFDGPMKILP LNNLLASKIWTPDTFFHNGKKSVAHNMTPNKLLRLVDNGTLPYTMRLTIHAECPMHLEDFPMDVH ACPLKFGSYAYTTAEVVYSWTLGKNKSVEVAQDGSRLNQYDLLGHVVGTEIIRSSTGEYVVMTHF HLKRKIGYFVIQTYLPCIMTVILSQVSFWLNRESVPARTVFGVTTVLMTTSLISARNSLPKVAYATA MDWFIACVYAFVFSALIEFATVNYFTKRSWAWEKKVPEALEMKKKTPAAPAKKTSTTFNIVGTTY PINLAKDTEFSTISKGAAPSASSTPTIASP KATVQDSPTETKTYNSVSKVDKISRIFPVLFAIFNLVY WATYVNRESAIGMIRKQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (95); Rat (96)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — GABRA3

Entrez GeneID	2556
GeneBank Accession#	BC028629
Protein Accession#	AAH28629.1
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](#)

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- [Genetic Predisposition to Disease](#)
- [Hyperthyroidism](#)
- [Hypokalemia](#)
- [Mental Disorders](#)
- [NARP](#)
- [Neurotic Disorders](#)
- [Schizophrenia](#)
- [Thyroid Crisis](#)