

GRIK3 monoclonal antibody (M06), clone 4H1

Catalog # H00002899-M06

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant GRIK3.
Immunogen	GRIK3 (NP_000822, 151 a.a. ~ 250 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	NLYPDYASLSHAIDLVLQYKWRSATVVYDDSTGLRLQELIMAPSRYNIRLKIRQLPIDSDDSRPLLKEMKRGREFRIIFDCSHTMAAQILKQAMAMGM
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (99)
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 — GRIK3

Entrez GeneID	2899
GeneBank Accession#	NM_000831

Protein Accession#	NP_000822
Gene Name	GRIK3
Gene Alias	EAA5, GLR7, GLUR7, GluR7a
Gene Description	glutamate receptor, ionotropic, kainate 3
Omim ID	138243
Gene Ontology	Hyperlink
Gene Summary	Glutamate receptors are the predominant excitatory neurotransmitter receptors in the mammalian brain and are activated in a variety of normal neurophysiologic processes. This gene product belongs to the kainate family of glutamate receptors, which are composed of four subunits and function as ligand-activated ion channels. It is not certain if the subunit encoded by this gene is subject to RNA editing as the other 2 family members (GRIK1 and GRIK2). A Ser310Ala polymorphism has been associated with schizophrenia, and there are conflicting reports of its association with the pathogenesis of delirium tremens in alcoholics. [provided by RefSeq]
Other Designations	OTTHUMP00000004360 dJ1090M5.1 (glutamate receptor, ionotropic, kainate 3 (GLUR7)) excitatory amino acid receptor 5 glutamate receptor 7

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alcohol Withdrawal Delirium](#)
- [Alcohol Withdrawal Seizures](#)
- [Alcoholism](#)
- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Depressive Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Obsessive-Compulsive Disorder](#)

- [Personality Assessment](#)
- [Psychiatric Status Rating Scales](#)
- [Psychotic Disorders](#)
- [Recurrence](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Tobacco Use Disorder](#)