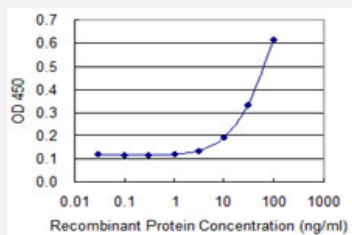


GRIA3 monoclonal antibody (M04), clone 3D10

Catalog # H00002892-M04

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GRIA3 is 3 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant GRIA3.
Immunogen	GRIA3 (NP_000819, 151 a.a. ~ 250 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SLLGHYKWEK FVYL YDTERGFSILQAIMEAAVQNNWQVTARSVGNIKDVQEFRRIIIEEMDRRQEKRYLIDCEVERINTILEQVVILGKHSRGYHYMLANL
Host	Mouse
Reactivity	Human
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

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GRIA3 is 3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — GRIA3

Entrez GeneID [2892](#)

GeneBank Accession# [NM_000828](#)

Protein Accession# [NP_000819](#)

Gene Name GRIA3

Gene Alias GLUR-C, GLUR-K3, GLUR3, GLURC, MRX94

Gene Description glutamate receptor, ionotropic, AMPA 3

Omim ID [305915](#)

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. These receptors are heteromeric protein complexes composed of multiple subunits, arranged to form ligand-gated ion channels. The classification of glutamate receptors is based on their activation by different pharmacologic agonists. The subunit encoded by this gene belongs to a family of AMPA (alpha-amino-3-hydroxy-5-methyl-4-isoxazole propionate)-sensitive glutamate receptors, and is subject to RNA editing (AGA->GGA; R->G). Alternative splicing at this locus results in different isoforms, which may vary in their signal transduction properties. [provided by RefSeq]

Other Designations OTTHUMP00000024261|OTTHUMP00000024262|dJ1171F9.1|glutamate receptor 3|glutamate receptor C|glutamate receptor subunit 3

Pathway

- [Long-term depression](#)

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Autistic Disorder](#)
- [Cognition](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Mental Retardation](#)
- [Migraine Disorders](#)
- [Psychotic Disorders](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)
- [Sexual Dysfunction](#)
- [Sexual Dysfunctions](#)
- [Sleep Disorders](#)
- [Weight Gain](#)