

Mouse Monoclonal Antibody to GRIA3

Catalogue Number	sAP-0583
Target Molecule	<p>Name: GRIA3</p> <p>Aliases: GLUR3; GLURC; GluA3; MRX94; GLUR-C; GLUR-K3</p> <p>MW: 101kDa</p> <p>Entrez Gene ID: 2892</p>
Description	<p>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.</p>
Immunogen	Purified recombinant fragment of human GRIA3 expressed in E. Coli. ;
Reactive Species	Human
Clone	MM1D2;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Am J Med Genet B Neuropsychiatr Genet. 2010 Mar 5;153B(2):468-76. ; 2. Am J Med Genet A. 2009 Jun;149A(6):1280-9.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**