abcepta

GRID1 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13651b

Specification

GRID1 Antibody (C-term) Blocking peptide - Product Information

Primary Accession   Q9ULK0

GRID1 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 2894

Other Names
Glutamate receptor ionotropic, delta-1, GluD1, GluR delta-1 subunit, GRID1, KIAA1220

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP13651b was selected from the C-term region of GRID1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GRID1 Antibody (C-term) Blocking peptide - Protein Information
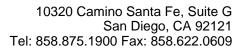
Name GRID1

Synonyms KIAA1220

GRID1 Antibody (C-term) Blocking peptide - Background

 This gene encodes a subunit of glutamate receptorchannels. These channels mediate most of the fast excitatorysynaptic transmission in the central nervous system and play keyroles in synaptic plasticity.

GRID1 Antibody (C-term) Blocking peptide - References

 Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Vasan, R.S., et al. JAMA 302(2):168-178(2009)Treutlein, J., et al. Schizophr. Res. 111 (1-3), 123-130 (2009) :Guo, S.Z., et al. Schizophr. Res. 93 (1-3), 385-390 (2007) :Fallin, M.D., et al. Am. J. Hum. Genet. 77(6):918-936(2005)

Function
Receptor for glutamate. L-glutamate acts as an excitatory neurotransmitter at many synapses in the central nervous system. The postsynaptic actions of Glu are mediated by a variety of receptors that are named according to their selective agonists.

Cellular Location
Cell membrane; Multi-pass membrane protein. Cell junction, synapse, postsynaptic cell membrane; Multi-pass membrane protein

GRID1 Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)