

GRID1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant GRID1.

Catalog # AT2262a

Product Information

Application	WB, E
Primary Accession	Q9ULK0
Other Accession	NM_017551
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	1A9
Calculated MW	112131

Additional Information

Gene ID	2894
Other Names	Glutamate receptor ionotropic, delta-1, GluD1, GluR delta-1 subunit, GRID1, KIAA1220
Target/Specificity	GRID1 (NP_060021, 349 a.a. ~ 441 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	GRID1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

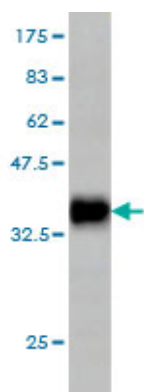
Background

This gene encodes a subunit of glutamate receptor channels. These channels mediate most of the fast excitatory synaptic transmission in the central nervous system and play key roles in synaptic plasticity.

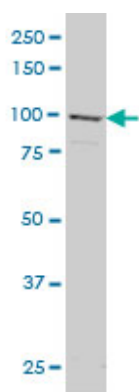
References

1.Orphan Glutamate Receptor delta1 Subunit Required for High-Frequency Hearing.Gao J, Maison SF, Wu X, Hirose K, Jones SM, Bayazitov I, Tian Y, Mittleman G, Matthews DB, Zakharenko SS, Liberman MC, Zuo J.Mol Cell Biol. 2007 Jun;27(12):4500-12. Epub 2007 Apr 16.

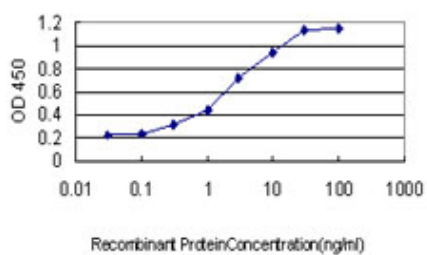
Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.97 KDa) .



GRID1 monoclonal antibody (M01), clone 1A9 Western Blot analysis of GRID1 expression in HeLa (Cat # AT2262a)



Detection limit for recombinant GST tagged GRID1 is approximately 0.1 ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.