

# 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.

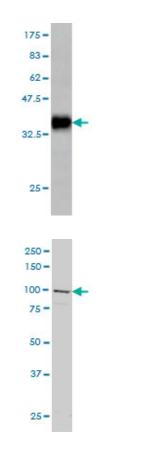
## **Background**

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.

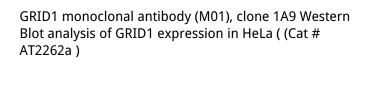
### References

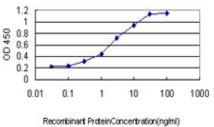
1.Orphan Glutamate Receptor delta1 Subunit Required for High-Frequency Hearing.Gao J, Maison SF, Wu X, Hirose K, Jones SM, Bayazitov I, Tian Y, Mittleman G, Matthews DB, Zakharenko SS, Liberman MC, Zuo J.Mol Cell Biol. 2007 Jun;27(12):4500-12. Epub 2007 Apr 16.

### **Images**



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





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

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