

GRID1 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant GRID1.****Catalog # AT2262a****Specification**

GRID1 Antibody (monoclonal) (M01) - Product Information

Application	WB, E
Primary Accession	O9ULK0
Other Accession	NM_017551
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	112131

GRID1 Antibody (monoclonal) (M01) - 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.

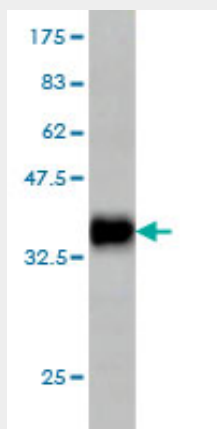
GRID1 Antibody (monoclonal) (M01) - Protocols

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

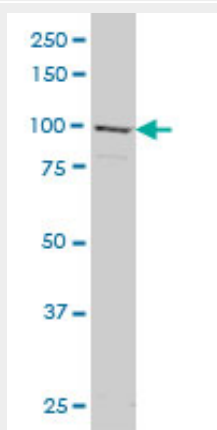
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

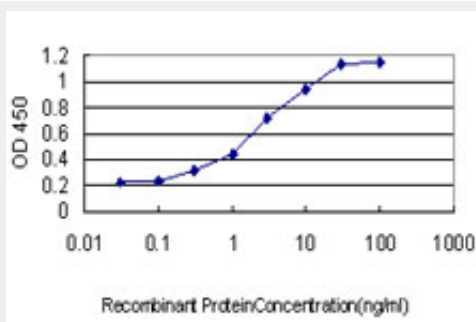
GRID1 Antibody (monoclonal) (M01) - Images



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 0.1ng/ml as a capture antibody.

GRID1 Antibody (monoclonal) (M01) - 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.

GRID1 Antibody (monoclonal) (M01) - 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.