

Datasheet for ABIN516185

anti-Glutamate Receptor 1 antibody (AA 201-300)



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2 Images

Overview

Quantity:	100 µg
Target:	Glutamate Receptor 1 (GLUR1)
Binding Specificity:	AA 201-300
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Glutamate Receptor 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant GRIA1.
Immunogen:	GRIA1 (NP_000818, 201 a.a. ~ 300 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	VVDCESERLN AILGQIIKLE KNGIGYHYIL ANLGFMIDIDL NKFKESGANV TGFQLVNYTD TIPAKIMQQW KNSDARDHTR VDWKRPKYTS ALTYDGVKVM
Clone:	1G10
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	Glutamate Receptor 1 (GLUR1)
Alternative Name:	GRIA1 (GLUR1 Products)
Background:	Full Gene Name: glutamate receptor, ionotropic, AMPA 1 Synonyms: GLUH1, GLUR1, GLURA, HBGR1, MGC133252
Gene ID:	2890
NCBI Accession:	NM_000827
Pathways:	PI3K-Akt Signaling

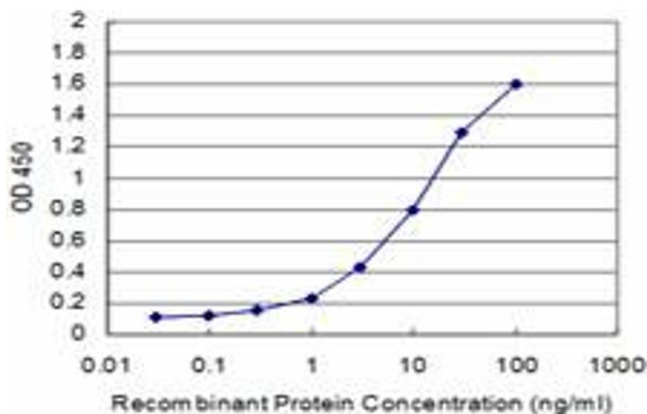
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

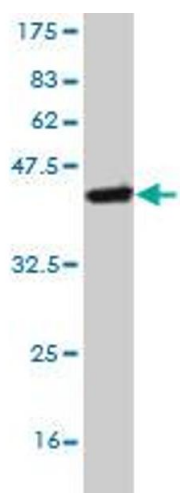
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



ELISA

Image 1. Detection limit for recombinant GST tagged GRIA1 is approximately 0.3ng/ml as a capture antibody.



Western Blotting

Image 2. Western Blot detection against Immunogen (36.74 kDa) .