antibodies .- online.com







anti-Glutamate Receptor 1 antibody (C-Term)

Images



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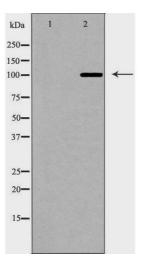
Quantity:	100 μL
Target:	Glutamate Receptor 1 (GLUR1)
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Glutamate Receptor 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF),
	Immunocytochemistry (ICC)
Product Details	
Immunogen:	A synthesized peptide derived from human GRIA1, corresponding to a region within C-terminal amino acids.
lootype:	IgG
Isotype:	igo
Specificity:	GRIA1 Antibody detects endogenous levels of total GRIA1.
Predicted Reactivity:	Pig,Bovine,Horse,Sheep,Rabbit
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling
	Resin (Thermo Fisher Scientific).
Target Details	

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Target: Glutamate Receptor 1 (GLUR1)

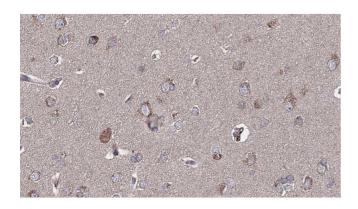
Target Details

Description: lonotropic glutamate receptor. L-glutamate acts as an excitatory neurotransmitter
at many synapses in the central nervous system. Binding of the excitatory neurotransmitter L-
glutamate induces a conformation change, leading to the opening of the cation channel, and
thereby converts the chemical signal to an electrical impulse. The receptor then desensitizes
rapidly and enters a transient inactive state, characterized by the presence of bound agonist. In
the presence of CACNG4 or CACNG7 or CACNG8, shows resensitization which is characterized
by a delayed accumulation of current flux upon continued application of glutamate.
Gene: GRIA1
105kDa
2890
P42261
PI3K-Akt Signaling
WB 1:500-1:2000, IHC 1:500-1:2000, IF/ICC 1:500-1:2000, ELISA(peptide) 1:20000-1:40000
For Research Use only
Liquid
1 mg/mL
Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 %
glycerol.
Sodium azide
This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
should be handled by trained staff only.
-20 °C
Store at -20 °C. Stable for 12 months from date of receipt.



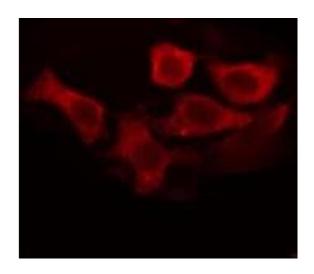
Western Blotting

Image 1. Western blot analysis of extracts of Rat brain, using GRIA1 antibody. The lane on the left is treated with the antigen-specific peptide.



Immunohistochemistry

Image 2. ABIN6276904 at 1/100 staining Human brain cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22¡ãC. An HRP conjugated goat anti-rabbit antibody was used as the secondary



Immunofluorescence (fixed cells)

Image 3. ABIN6276904 staining COLO205 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25¡ãC. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37¡ãC. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody(Cat.# S0006), diluted at 1/600, was used as secondary antibod