

Cat. No:	AB-10699
Conjugate:	Unconjugated
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Reactivity:	Hu,Ms,Rt
Applications:	Western Blot: 1:500 - 1:2000 Immunohistochemistry: 1:50 - 1:200 Immunofluorescence: 1:50 - 1:200
Molecular Weight:	99kDa
Purification:	Aff. Pur.

Background:	Receptor for glutamate. L-glutamate acts as an excitatory neurotransmitter at many synapses in the central nervous system. The postsynaptic actions of GLU are mediated by a variety of receptors that are named according to their selective agonists. This receptor binds AMPA (quisqualate) > glutamate > kainite (glutamate receptor, ionotropic, AMPA 2; Jurkat; cell lysate). Antigen Specificity: Polyclonal antibody produced in rabbits immunized with a synthetic peptide corresponding to a region of human Glutamate Receptor 2
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.

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Western blot analysis of extracts of various cell lines, using GluR2 Rabbit) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL West Pico Plus.
Exposure time: 1s.

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Immunofluorescence using
Glutamate Receptor 2.

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Immunohistochemistry of paraffin-embedded rat brain using GluR2 Rabbit antibody at dilution of 1:100 (40x lens).

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Immunohistochemistry of paraffin-embedded mouse brain using GluR2 Rabbit Antibody at dilution of 1:100 (40xlens).

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