

GluR2 Rabbit mAb

Catalog No: #59555

Package Size: #59555-1 50ul #59555-2 100ul

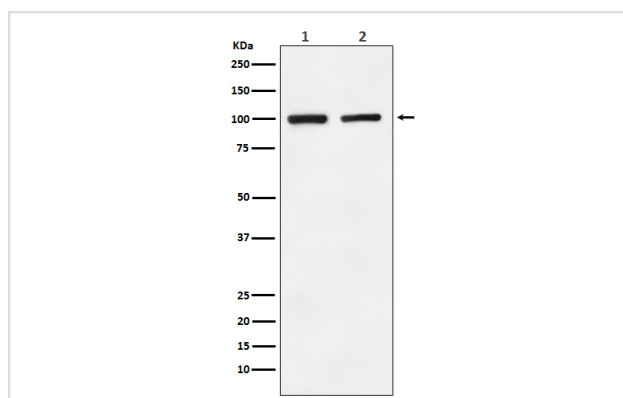
Description

Product Name	GluR2 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB ICC/IF IP
Species Reactivity	Human Mouse Rat
Specificity	GluR2 Antibody detects endogenous levels of total GluR2
Immunogen Description	A synthesized peptide derived from human GluR2
Other Names	AMPA 2; AMPA selective glutamate receptor 2; AMPA2; GluA2; GLUR B; GluR K2; GLUR2; GLURB; Gria2; HBGR2;
Accession No.	Uniprot:P42262
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB 1:500~1:2000 ICC/IF 1:50~1:200 IP 1:50

Images



Western blot analysis of GluR2 expression in (1) Human fetal brain lysate; (2) Mouse brain lysate.

Background

Ionotropic 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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.