

GluR2/3 Antibody

Catalog No: #33386

Package Size: #33386-1 50ul #33386-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

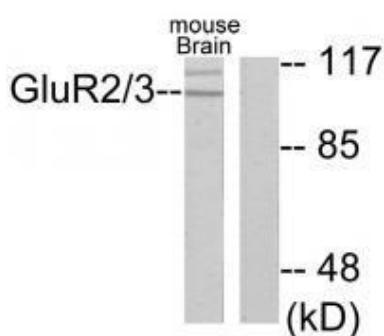
Product Name	GluR2/3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total GluR2/3 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from human GluR2/3.
Target Name	GluR2/3
Other Names	GPRC1C; GRM3; MGR3; Metabotropic glutamate receptor 3 precursor; glutamate receptor metabotropic type 3
Accession No.	Swiss-Prot: Q14832NCBI Gene ID: 2912/2913
Uniprot	Q14832
GeneID	2913;
SDS-PAGE MW	96,99kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

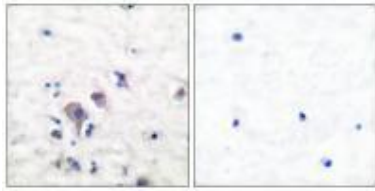
Immunohistochemistry: 1:50~1:100

Images



Western blot analysis of extracts from mouse brain, using GluR2/3 antibody #33386.

Immunohistochemical analysis of paraffin-embedded human brain tissue using GluR2/3 antibody #33386.



Background

G-protein coupled receptor for glutamate. Ligand binding causes a conformation change that triggers signaling via guanine nucleotide-binding proteins (G proteins) and modulates the activity of down-stream effectors. Signaling inhibits adenylate cyclase activity.

Akiko Momiyama, J. Physiol., May 2003; 549: 75 - 92.

Mako Narisawa-Saito, PNAS, Mar 1999; 96: 2461.

Karolina Wosik, Brain, Dec 2004; 127: 2636 - 2648.

Chong-Hyun Kim, PNAS, Sep 2001; 98: 11725.

Note: This product is for in vitro research use only