



GluR2/3, Metabotropic Glutamate Receptor 2/3 Polyclonal Antibody

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Box 1 | Basic Info

Cat. No.	ABP-PAB-24516
Animal ID	N/A
Host	Rabbit
Reactivity	Rat
Format	Purified
Accession number	AAY14640
Amount	0.1 mg

Alternative Name(s):

GPRC1B; MGLUR2; mGlu2; GLUTAMATE RECEPTOR, METABOTROPIC, 2; glutamate receptor homolog; glutamate receptor, metabotropic 2 precursor

Metabotropic glutamate receptors (mGluRs) are G-protein coupled receptors activated by glutamate. Based on sequence similarity, transduction mechanisms and agonist potencies, mGluRs are subdivided into three groups: mGluR1/mGluR5, mGluR2/mGluR3, and mGluR4/mGluR6/mGluR7/mGluR8. mGluRs are widely distributed throughout the nervous system and are expressed by both neurons and glial cells. mGluRs have been suggested to play a variety of functional roles, among which is involvement in synaptic plasticity underlying learning and memory as well as chronic pain.

Buffers

Purified rabbit polyclonal antibody supplied in PBS, pH7.2 with 0.02% (W/V) sodium azide. This antibody is purified through a peptide immunoaffinity column and neutralized immediately after elution then followed by dialysis against PBS.

Immunogen

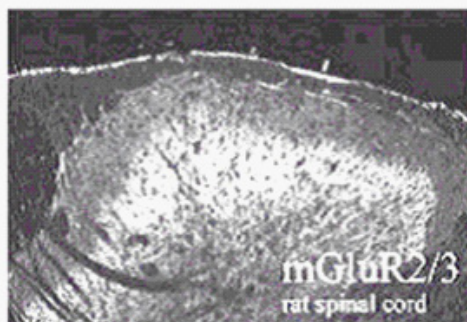
KLH conjugated synthetic peptide comprised of residues 860-872 [NGREVV DSTSSL] of the rat mGluR2/3 protein.

Application

N/A

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C. Avoid repeated freeze-thaw cycles.



PAB-24516 (1:250) staining of rat spinal cord