

mGluR3 Antibody

Rabbit mAb Catalog # AP92617

Product Information

Application WB Primary Accession Q14832

Reactivity Rat, Human, Mouse

Clonality Monoclonal

Other Names GLUR3; GPRC1C; GRM3; MGlu3; mGluR3;

IsotypeRabbit IgGHostRabbitCalculated MW98879

Additional Information

Dilution WB 1:500~1:2000

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human mGluR3

Description Receptor for glutamate. The activity of this receptor is mediated by a

G-protein that inhibits adenylate cyclase activity.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium

azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term.

Avoid freeze / thaw cycle.

Protein Information

Name GRM3

Synonyms GPRC1C, MGLUR3

Function 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.

Cellular Location Cell membrane; Multi-pass membrane protein

Tissue Location Detected in brain cortex, thalamus, subthalamic nucleus, substantia nigra,

hypothalamus, hippocampus, corpus callosum, caudate nucleus and

amygdala.

Images



Western blot analysis of mGluR3 expression in Human cerebellum lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.