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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;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	98879

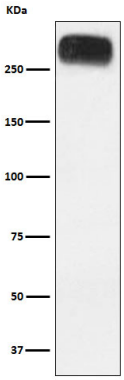
Additional Information

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.