

GRM5

Reactivity: Human Mouse Rat

Tested applications: WB IHC ICC IF IP FC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 ICC 1:50 - 1:200 IF 1:50 - 1:100
IP 1:20 - 1:50 FC 1:20 - 1:50

Calculated MW: 132 kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human GRM5

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

mGlu5; GPRC1E; MGLUR5; PPP1R86;

Catalog #: A10876

Antibody Type:

Monoclonal Antibody

Species: Rabbit

Gene ID: 2915

Isotype: IgG

Swiss Prot: P41594

Purity: Affinity purification

For research use only.

Background:

This gene encodes a member of the G-protein coupled receptor 3 protein family. The encoded protein is a metabotropic glutamate receptor, whose signaling activates a phosphatidylinositol-calcium second messenger system. This protein may be involved in the regulation of neural network activity and synaptic plasticity. Glutamatergic neurotransmission is involved in most aspects of normal brain function and can be perturbed in many neuropathologic conditions. A pseudogene of this gene has been defined on chromosome 11. Alternative splicing results in multiple transcript variants.

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