

Product Datasheet

GRM5 Antibody

Catalog No: CY5552

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF FC



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Information

UniProt ID: P41594

All Names: GPRC1E; GRM5; Metabotropic glutamate receptor 5 precursor; MGLUR5; MGR5;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 132 kDa

Application

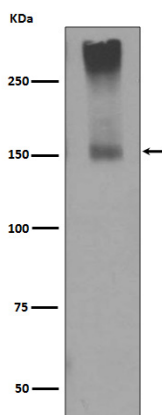
WB: 1:500~1:2000

IHC: 1:50~1:200

ICC/IF: 1:50~1:200

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 activates a phosphatidylinositol-calcium second messenger system and generates a calcium-activated chloride current. Plays an important role in the regulation of synaptic plasticity and the modulation of the neural network activity.



Western blot analysis of GRM5 expression in mouse brain lysate.

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