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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

GRM5 recombinant monoclonal antibody

Catalog Number: RAB02757

Regulatory Status: For research use only (RUO)

Product Description: Rabbit recombinant monoclonal antibody raised against GRM5.

Immunogen: Original antibody is raised against recombinant GRM5.

Theoretical MW (kDa): 132

Antibody Species: Rabbit

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Specificity: This antibody detects endogenous levels of mGluR-5 and does not cross-react with related proteins.

Form: Liquid

Purification: Protein A purification

Isotype: IgG

Recommend Usage: Flow Cytometry (1:50-1:100)
Immunocytochemistry (1:50-1:200)
Immunofluorescence (1:50-1:200)
Immunohistochemistry (1:200-1:500)
Western Blot (1:1000-1:2000)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH7.2 (50% glycerol and 0.02% sodium azide)

Storage Instruction: Store at 4°C short term.
Aliquot and store at -20°C long term.
Avoid freeze-thaw cycles.

Entrez GeneID: 2915

Gene Symbol: GRM5

Gene Alias: GPRC1E, MGLUR5, mGlu5

Gene Summary: L-glutamate is the major excitatory neurotransmitter in the central nervous system and activates both ionotropic and metabotropic glutamate receptors. Glutamatergic neurotransmission is involved in most aspects of normal brain function and can be perturbed in many neuropathologic conditions. The metabotropic glutamate receptors are a family of G protein-coupled receptors, that have been divided into 3 groups on the basis of sequence homology, putative signal transduction mechanisms, and pharmacologic properties. Group I includes GRM1 and GRM5 and these receptors have been shown to activate phospholipase C. Group II includes GRM2 and GRM3 while Group III includes GRM4, GRM6, GRM7 and GRM8. Group II and III receptors are linked to the inhibition of the cyclic AMP cascade but differ in their agonist selectivities. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]