



[Go to Product page](#)

Datasheet for ABIN1386756  
**anti-GRM2 antibody**

### Overview

Quantity:	100 µL
Target:	GRM2
Reactivity:	Human, Rat, Mouse, Dog, Cow, Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRM2 antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GRM2/GLUR2
Isotype:	IgG
Cross-Reactivity:	Chicken, Cow, Dog, Human, Mouse, Rat
Purification:	Purified by Protein A.

### Target Details

Target:	GRM2
Alternative Name:	Metabotropic Glutamate Receptor 2 ( <a href="#">GRM2 Products</a> )
Background:	Synonyms: Glutamate Receptor Metabotropic 2, Gprc1b, AMPA selective glutamate receptor 2, GLUR 2, GLUR2, GLURB, Glutamate receptor metabotropic 2, Metabotropic Glutamate Receptor 2, GPRC1B, GRM 2, Grm2, mGlu 2, MGlu2, MGLUR 2, Mglur2, GRM2_HUMAN.

## Target Details

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Background: 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.

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Molecular Weight: 96kDa

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Gene ID: 2912

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Pathways: [cAMP Metabolic Process](#), [Dicarboxylic Acid Transport](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 1 % BSA, 50 % glycerol and 0.09 % sodium azide.

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Preservative: Sodium azide

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Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C for 12 months.

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Expiry Date: 12 months