**Product Name: Metabotropic Glutamate Receptor 2 Rabbit Polyclonal Antibody**
**Catalog #: APRab00138**

## Summary

| | |
|---|---|
| **Production Name** | Metabotropic Glutamate Receptor 2 Rabbit Polyclonal Antibody |
| **Description** | Rabbit Polyclonal Antibody |
| **Host** | Rabbit |
| **Application** | WB,IHC-P,ICC/IF |
| **Reactivity** | Human,Mouse,Rat |

## Performance

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|---|---|
| **Conjugation** | Unconjugated |
| **Modification** | Unmodified |
| **Isotype** | IgG |
| **Clonality** | Polyclonal |
| **Form** | Liquid |
| **Storage** | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| **Buffer** | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| **Purification** | Affinity Chromatography |

## Immunogen

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|---|---|
| **Gene Name** | GRM2 |
| **Alternative Names** | GRM2; GPRC1B; MGLUR2; Metabotropic glutamate receptor 2; mGluR2; GRM3; GPRC1C; MGLUR3; Metabotropic glutamate receptor 3; mGluR3 |
| **Gene ID** | 2912 |
| **SwissProt ID** | Q14416. |

## Application

| | |
|---|---|
| **Dilution Ratio** | WB: 1:500-1:1000 IHC: 1:50-1:100 IF: 1:50-1:200 |
| **Molecular Weight** | Calculated MW: 96 kDa; Observed MW: 95,200 kDa |

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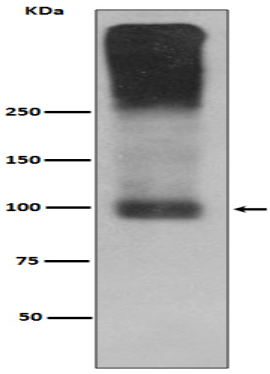
## Background

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, such as adenylate cyclase. Signaling inhibits adenylate cyclase activity. May mediate suppression of neurotransmission or may be involved in synaptogenesis or synaptic stabilization.

## Research Area

Neuroscience

## Image Data




Western blot analysis of mGluR2 in mouse brain lysates using Metabotropic Glutamate Receptor 2 antibody.

## Note

For research use only.