

**Product Name: Metabotropic Glutamate Receptor 2
Rabbit Monoclonal antibody
Catalog #: AMRe02249**



Summary

| | |
|------------------------|--|
| Production Name | Metabotropic Glutamate Receptor 2 Rabbit Monoclonal antibody |
| Description | Recombinant Rabbit Monoclonal antibody |
| Host | Rabbit |
| Application | WB,IHC-P |
| Reactivity | Human,Mouse |

Performance

| | |
|---------------------|--|
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Monoclonal Antibody |
| Form | Liquid |
| Storage | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| Buffer | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA |
| Purification | Affinity Purified |

Immunogen

| | |
|--------------------------|--|
| 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 |
| Molecular Weight | Calculated MW: 96 kDa; Observed MW: 99 kDa |

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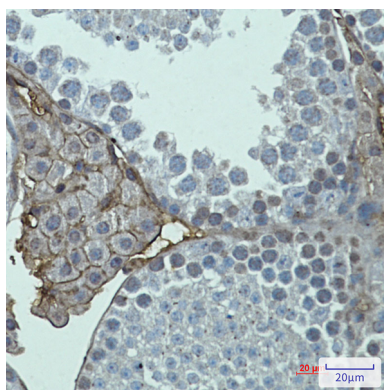
Background

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.

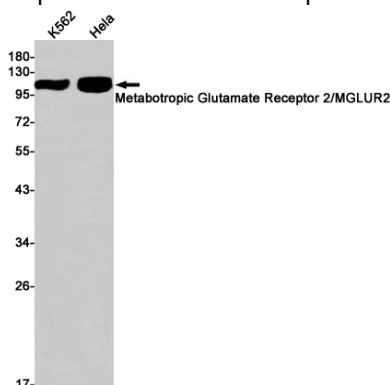
Research Area

Neuroscience

Image Data



Immunohistochemistry analysis of paraffin-embedded mouse testis using Metabotropic Glutamate Receptor 2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of Metabotropic Glutamate Receptor 2 in K562, HeLa lysates using Metabotropic Glutamate Receptor 2 antibody.

Note

For research use only.

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