

METABOTROPIC GLUTAMATE RECEPTOR 2 RABBIT MAB

Cat.#: N262511

Product Name: Anti-Metabotropic Glutamate Receptor 2 Rabbit Monoclonal Antibody

Synonyms: GRM2; GPRC1B; MGLUR2; Metabotropic glutamate receptor 2; mGluR2; GRM3; GPRC1C; MGLUR3; Metabotropic glutamate receptor 3; mGluR3

UNIPROT ID: Q14416

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.

Immunogen: A synthetic peptide of human Metabotropic Glutamate Receptor 2

Applications: WB,IHC-P

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R04-2D1

MW: Calculated MW: 96 kDa; Observed MW: 99 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Mouse

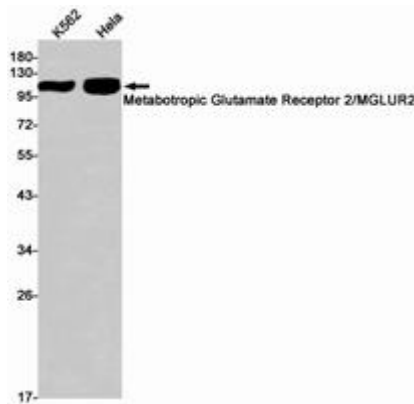
Conjugation: Unconjugated

Modification: Unmodified

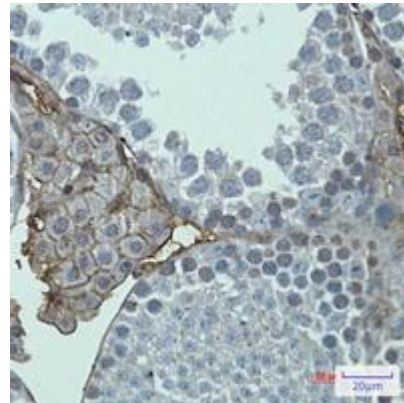
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Neuroscience

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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



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.