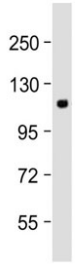
mGluR2 Antibody / Metabotropic Glutamate Receptor 2 / GRM2 (C-Terminal Region) (F54174)

Catalog No.	Formulation	Size
F54174-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q14416
Applications	WB: 1:1000-1:2000
Limitations	This mGluR2 antibody is available for research use only.



Western blot testing of human cerebellum lysate with mGluR2 antibody at 1:2000. Predicted molecular weight ~96 kDa, routinely observed at 110-120 kDa (monomer) and 220-240 kDa (dimer).

Description

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.

Application Notes

The stated application concentrations are suggested starting points. Titration of the mGluR2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 681-715 from human GRM2 was used as the immunogen for the mGluR2 antibody.

Storage

Aliquot the mGluR2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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