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GRM4 / MGLUR4 Antibody (N-Terminus)

Rabbit Polyclonal Antibody
Catalog # ALS10203

Specification

GRM4 / MGLUR4 Antibody (N-Terminus) - Product Information

Application	**IHC**
Primary Accession	Q14833
Reactivity	**Human, Mouse, Rabbit, Monkey, Pig, Horse, Bovine, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**102kDa KDa**

GRM4 / MGLUR4 Antibody (N-Terminus) - Additional Information

Gene ID 2914

Other Names
Metabotropic glutamate receptor 4, mGluR4, GRM4, GPRC1D, MGLUR4

Target/Specificity
Human GRM4 / MGLUR4. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage
Long term: -70°C; Short term: +4°C

Precautions
GRM4 / MGLUR4 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

GRM4 / MGLUR4 Antibody (N-Terminus) - Protein Information

Name GRM4

Synonyms GPRC1D, MGLUR4

Function
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. Signaling inhibits adenylate cyclase activity.

Cellular Location
Cell membrane; Multi-pass membrane protein

Tissue Location
Strongly expressed in the cerebellum. Expressed at low levels in hippocampus, hypothalamus and

thalamus. No expression detected in liver.

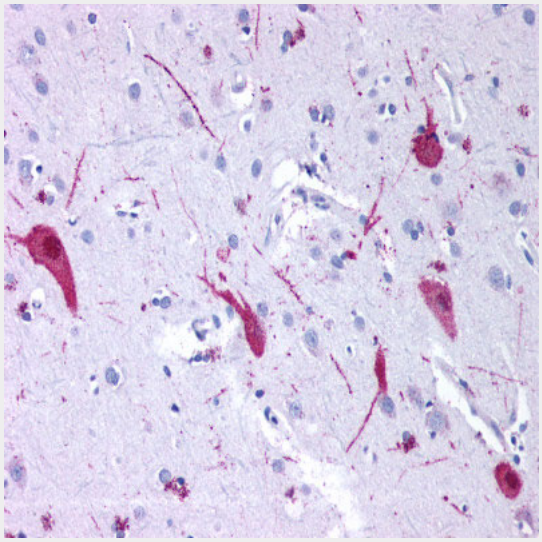
Volume
50 µl

GRM4 / MGLUR4 Antibody (N-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GRM4 / MGLUR4 Antibody (N-Terminus) - Images



Anti-GRM4 / MGLUR4 antibody ALS10203 IHC of human brain, neurons and glia.

GRM4 / MGLUR4 Antibody (N-Terminus) - 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. Signaling inhibits adenylate cyclase activity.

GRM4 / MGLUR4 Antibody (N-Terminus) - References

Makoff A.,et al.Brain Res. Mol. Brain Res. 37:239-248(1996).
Wu S.,et al.Brain Res. Mol. Brain Res. 53:88-97(1998).
Flor P.J.,et al.Neuropharmacology 34:149-155(1995).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mungall A.J.,et al.Nature 425:805-811(2003).