

GRM4 / MGLUR4 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS10778**Specification**

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

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

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

GRM4 / MGLUR4 Antibody (C-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

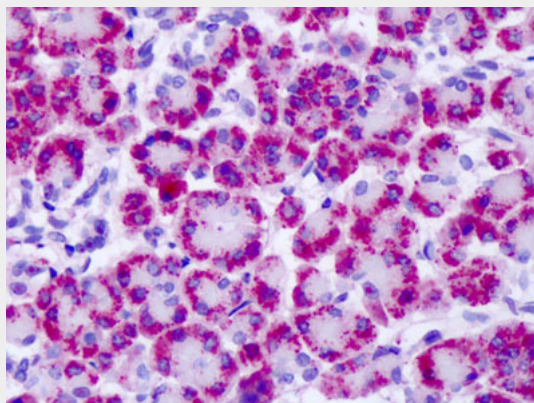
Strongly expressed in the cerebellum. Expressed at low levels in hippocampus, hypothalamus and thalamus. No expression detected in liver.

GRM4 / MGLUR4 Antibody (C-Terminus) - Protocols

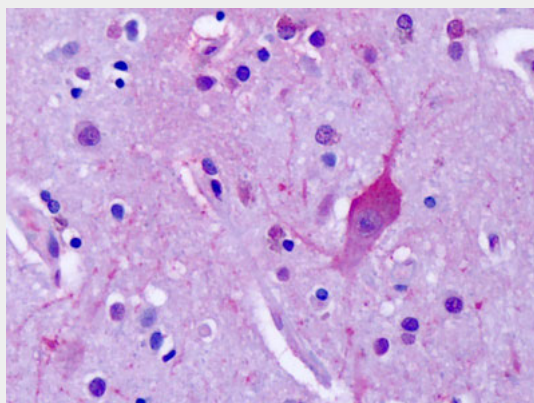
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GRM4 / MGLUR4 Antibody (C-Terminus) - Images



Anti-MGLUR4 antibody IHC of human pancreas.



Anti-MGLUR4 antibody IHC of human brain, cortex, neurons.

GRM4 / MGLUR4 Antibody (C-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 (C-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).
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