

GRM8 / MGLUR8 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS10207**Specification**

GRM8 / MGLUR8 Antibody (N-Terminus) - Product Information

Application	IHC
Primary Accession	O00222
Reactivity	Human, Mouse, Rabbit, Hamster, Monkey, Chicken, Sheep, Horse, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	102kDa KDa

GRM8 / MGLUR8 Antibody (N-Terminus) - Additional Information**Gene ID** 2918**Other Names**

Metabotropic glutamate receptor 8, mGluR8, GRM8, GPRC1H, MGLUR8

Target/Specificity

Human GRM8 / MGLUR8. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except GRM7 (56%).

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

GRM8 / MGLUR8 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

GRM8 / MGLUR8 Antibody (N-Terminus) - Protein Information**Name** GRM8**Synonyms** GPRC1H, MGLUR8**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, such as adenylate cyclase. Signaling inhibits adenylate cyclase activity.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Volume

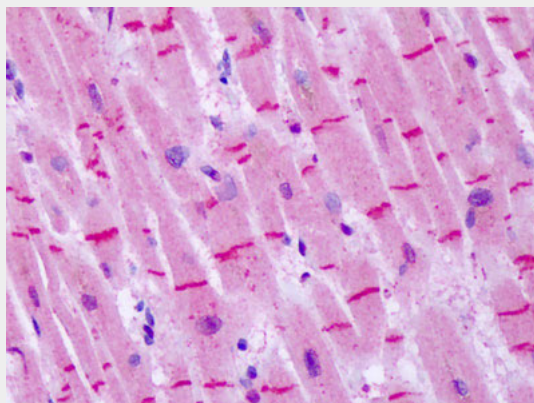
50 µl

GRM8 / MGLUR8 Antibody (N-Terminus) - Protocols

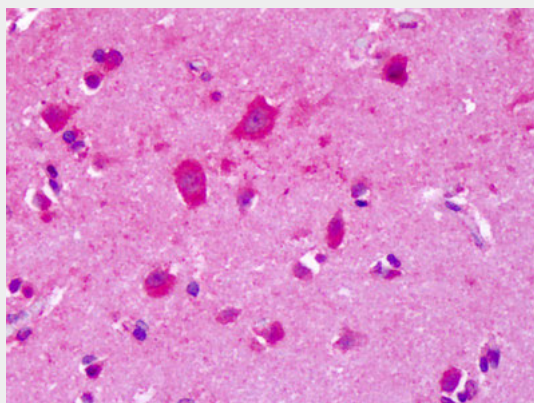
Provided below are standard protocols that you may find useful for product applications.

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

GRM8 / MGLUR8 Antibody (N-Terminus) - Images



Anti-GRM8 / MGLUR8 antibody IHC of human heart.



Anti-GRM8 / MGLUR8 antibody IHC of human brain, cortex.

GRM8 / MGLUR8 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, such as adenylate cyclase. Signaling inhibits adenylate cyclase activity.

GRM8 / MGLUR8 Antibody (N-Terminus) - References

Scherer S.W., et al. Genomics 44:232-236(1997).

Wu S.,et al.Brain Res. Mol. Brain Res. 53:88-97(1998).
Malherbe P.,et al.Brain Res. Mol. Brain Res. 67:201-210(1999).
Stormann T.M.,et al.Submitted (APR-2004) to the EMBL/GenBank/DDBJ databases.
Kaighin V.A.,et al.Submitted (DEC-2007) to the EMBL/GenBank/DDBJ databases.