

GRM3 / MGLUR3 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS10634

Specification

GRM3 / MGLUR3 Antibody (N-Terminus) - Product Information

Application	WB, IHC-P, ICC
Primary Accession	Q14832
Reactivity	Human, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	99kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A ICC~~N/A

GRM3 / MGLUR3 Antibody (N-Terminus) - Additional Information

Gene ID 2913

Other Names

Metabotropic glutamate receptor 3, mGluR3, GRM3, GPRC1C, MGLUR3

Target/Specificity

Human GRM3 / MGLUR3. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

GRM3 / MGLUR3 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

GRM3 / MGLUR3 Antibody (N-Terminus) - Protein Information

Name GRM3

Synonyms GPRC1C, MGLUR3

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

Detected in brain cortex, thalamus, subthalamic nucleus, substantia nigra, hypothalamus, hippocampus, corpus callosum, caudate nucleus and amygdala.

Volume

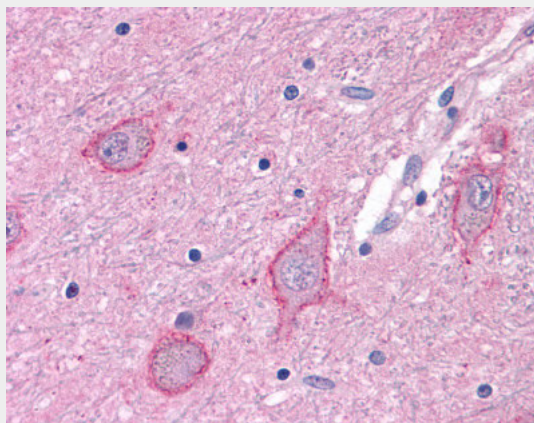
50 μ l

GRM3 / MGLUR3 Antibody (N-Terminus) - Protocols

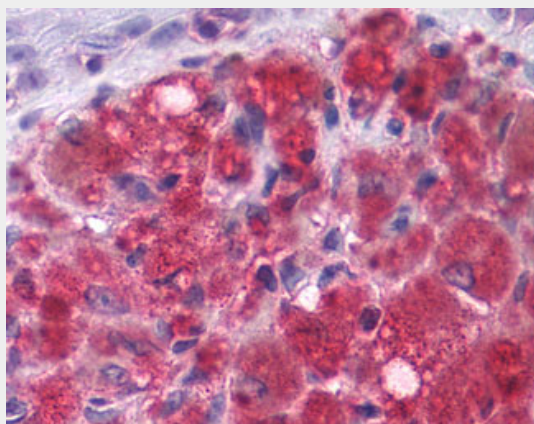
Provided below are standard protocols that you may find useful for product applications.

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

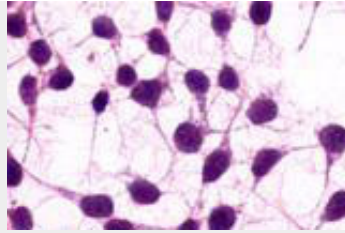
GRM3 / MGLUR3 Antibody (N-Terminus) - Images



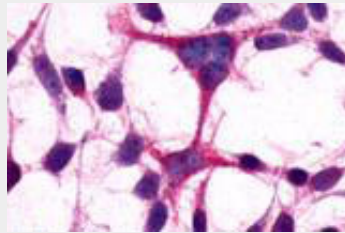
Anti-GRM3 / MGLUR3 antibody ALS10634 IHC of human brain, neurons and glia.



Anti-GRM3 / MGLUR3 antibody IHC of human Skin, Melanoma.



Anti-GRM3 / MGLUR3 antibody ALS10634 immunocytochemistry (ICC) staining of untransfected HEK293...



Anti-GRM3 / MGLUR3 antibody ALS10634 immunocytochemistry (ICC) staining of HEK293 human...

GRM3 / MGLUR3 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.

GRM3 / MGLUR3 Antibody (N-Terminus) - References

Makoff A., et al. Brain Res. Mol. Brain Res. 40:55-63(1996).
Sartorius L.J., et al. J. Neurochem. 96:1139-1148(2006).
Hillier L.W., et al. Nature 424:157-164(2003).