10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

GRM4 / MGLUR4 Antibody (aa851-900)

Rabbit Polyclonal Antibody
Catalog # ALS15044

Specification

GRM4 / MGLUR4 Antibody (aa851-900) - Product Information

Application	**WB, IHC**
Primary Accession	Q14833
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**102kDa KDa**

GRM4 / MGLUR4 Antibody (aa851-900) - Additional Information

Gene ID 2914

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

Target/Specificity
mGluR4 Antibody detects endogenous levels of total mGluR4 protein.

Reconstitution & Storage
Store at -20°C for up to one year.

Precautions
GRM4 / MGLUR4 Antibody (aa851-900) is for research use only and not for use in diagnostic or therapeutic procedures.

GRM4 / MGLUR4 Antibody (aa851-900) - 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.

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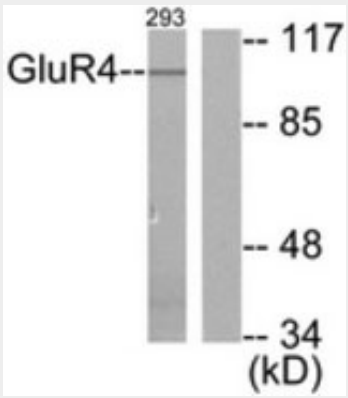
Volume
50 µl

GRM4 / MGLUR4 Antibody (aa851-900) - Protocols

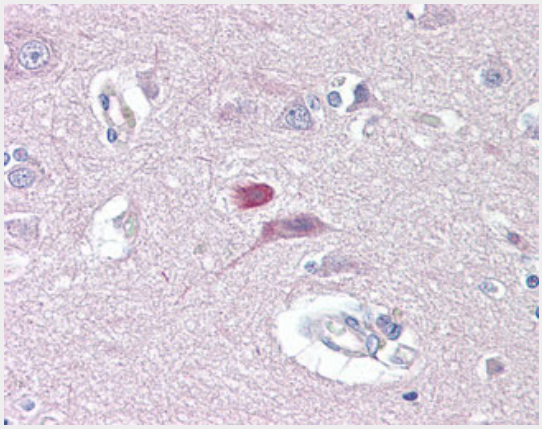
Provided below are standard protocols that you may find useful for product applications.

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

GRM4 / MGLUR4 Antibody (aa851-900) - Images



Western blot of extracts from 293 cells, treated with Forskolin 40 nM 30', using mGluR4 Antibody.



Anti-GRM4 / MGLUR4 antibody IHC of human brain, cortex.

GRM4 / MGLUR4 Antibody (aa851-900) - 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.

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GRM4 / MGLUR4 Antibody (aa851-900) - References

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