

mGLUR4 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51247

Specification

mGLUR4 Antibody - Product Information

Application	WB, ICC, IHC-P, E
Primary Accession	Q14833
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	110 KDa

mGLUR4 Antibody - Additional Information

Gene ID 2914

Other Names

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

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human mGLUR4. The exact sequence is proprietary.

Dilution

WB~~1:1000

ICC~~N/A

IHC-P~~N/A

E~~N/A

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

mGLUR4 Antibody - 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.

mGLUR4 Antibody - 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](#)

mGLUR4 Antibody - Images**mGLUR4 Antibody - Background**

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mGLUR4 Antibody - 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).