

mGluR-4 Polyclonal Antibody
Catalog # AP70927**Specification**

mGluR-4 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q14833
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

mGluR-4 Polyclonal Antibody - Additional Information**Gene ID** 2914**Other Names**

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

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

mGluR-4 Polyclonal 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

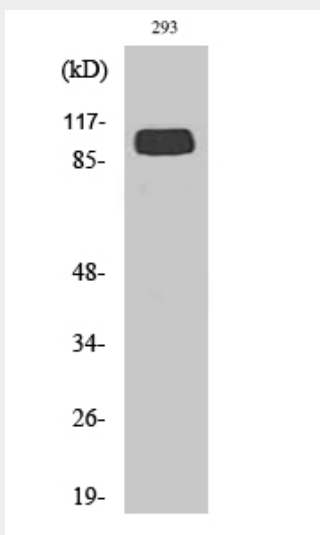
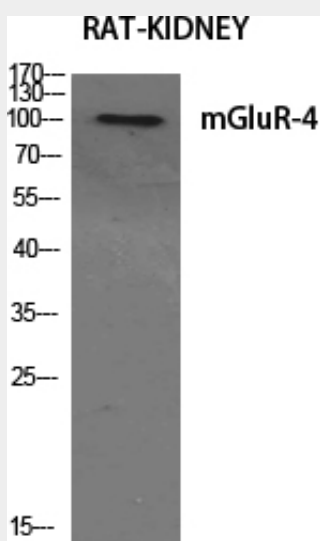
Strongly expressed in the cerebellum. Expressed at low levels in hippocampus, hypothalamus and thalamus. No expression detected in liver.

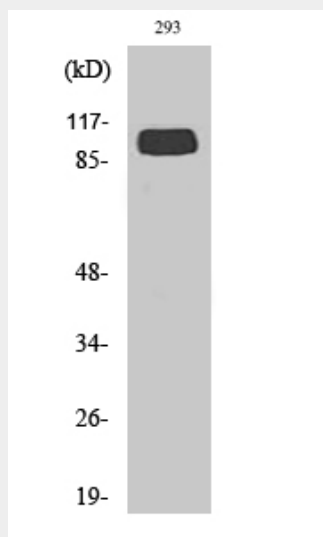
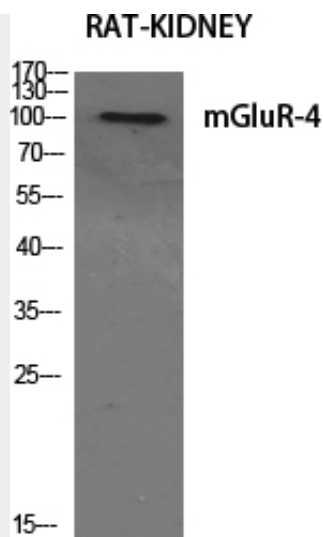
mGluR-4 Polyclonal Antibody - Protocols

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](#)

mGluR-4 Polyclonal Antibody - Images





mGluR-4 Polyclonal Antibody - 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.