

For Research Use Only

mGluR2 Polyclonal antibody, PBS Only

Catalog Number: 19956-1-PBS



Basic Information

Catalog Number:

19956-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_000839

GeneID (NCBI):

2912

UNIPROT ID:

Q14416

Full Name:

glutamate receptor, metabotropic 2

Calculated MW:

96 kDa

Observed MW:

96 kDa, 120 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human, mouse, rat

Background Information

GRM2, also named GPRC1B and MGLUR2, belongs to the G-protein coupled receptor 3 families. GRM2 is a receptor for glutamate. The activity of GRM2 is mediated by a G-protein that inhibits adenylate cyclase activity. It may mediate the suppression of neurotransmission or may be involved in synaptogenesis or synaptic stabilization.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

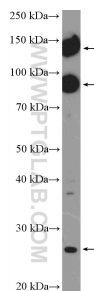
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

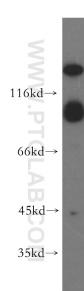
E: proteintech@ptglab.com
W: ptglab.com

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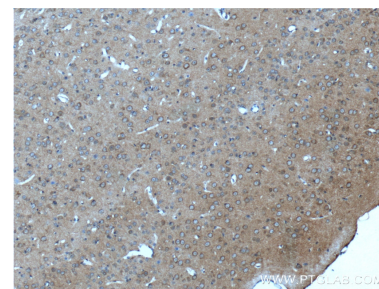
Selected Validation Data



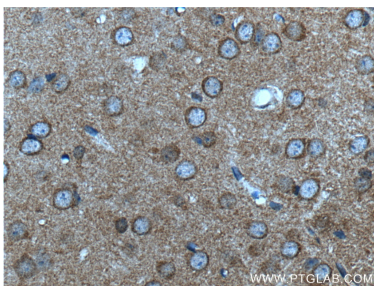
rat brain tissue were subjected to SDS PAGE followed by western blot with 19956-1-AP (mGluR2 antibody at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 19956-1-PBS in a different storage buffer formulation.



human brain tissue were subjected to SDS PAGE followed by western blot with 19956-1-AP (mGluR2 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 19956-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 19956-1-AP (mGluR2 antibody at dilution of 1:200 (under 10x lens). This data was developed using the same antibody clone with 19956-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 19956-1-AP (mGluR2 antibody at dilution of 1:200 (under 40x lens). This data was developed using the same antibody clone with 19956-1-PBS in a different storage buffer formulation.