

For Research Use Only

GABRR1 Polyclonal antibody

Catalog Number: 25899-1-AP

3 Publications



Basic Information

Catalog Number:

25899-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG23165

GenBank Accession Number:

BC130344

GeneID (NCBI):

2569

UNIPROT ID:

P24046

Full Name:

gamma-aminobutyric acid (GABA) receptor, rho 1

Calculated MW:

479 aa, 56 kDa

Observed MW:

50-56 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF, IP, ColP

Species Specificity:

human, mouse

Cited Species:

mouse

Positive Controls:

WB : mouse brain tissue, mouse skeletal muscle tissue

Background Information

GABRR1 is a member of a family of ligand-gated chloride channels that are the major inhibitory neurotransmitter receptors in the central nervous system. GABRR1 acts as a rho-1 receptor of GABA, the major inhibitory neurotransmitter in the vertebrate brain, may play a role in retinal neurotransmission. And then, GABRR1 is highly expressed in the retina and in a lesser extent in brain, lung and thymus. There are 3 isoforms for GABRR1 produced by alternative splicing, with the molecular weights of 46 kDa, 53 kDa, 56 kDa, respectively.

Notable Publications

Author	Pubmed ID	Journal	Application
Kyosuke Yamanishi	36151082	Transl Psychiatry	WB
Ruijuan Wang	36271788	Insect Sci	IF
Takahiro Fujimoto	38945065	Biochem Biophys Res Commun	WB,IP,ColP

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

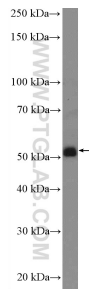
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 25899-1-AP (GABRR1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.