

For Research Use Only

# GABRR1 Polyclonal antibody

Catalog Number: 25899-1-AP

3 Publications



## Basic Information

Catalog Number:

25899-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

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

\*\*\* 20ul sizes contain 0.1% BSA

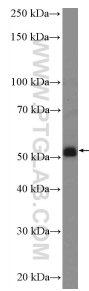
For technical support and original validation data for this product please contact:

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## 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.