

For Research Use Only

GABRA1 Polyclonal antibody

Catalog Number: 12410-1-AP

12 Publications



Basic Information

Catalog Number:

12410-1-AP

Size:

150ul , Concentration: 227 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3117

GenBank Accession Number:

BC030696

GeneID (NCBI):

2554

Full Name:

gamma-aminobutyric acid (GABA) A receptor, alpha 1

Calculated MW:

456 aa, 52 kDa

Observed MW:

52 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB

Applications

Tested Applications:

FC, IP, WB, ELISA

Cited Applications:

IF, IP, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

Positive Controls:

WB : mouse brain tissue, mouse cerebellum tissue, rat brain tissue

IP : mouse brain tissue,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Changyu Jiang	33083737	iScience	WB
Juan Mo	30347267	Neurobiol Dis	WB
Yi Yang	30333479	Cell Death Dis	WB

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

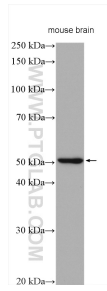
For technical support and original validation data for this product please contact:

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

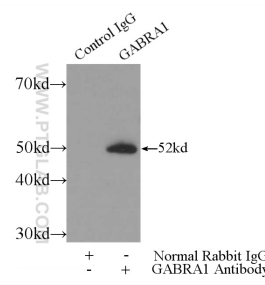
E: proteintech@ptglab.com
W: ptglab.com

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

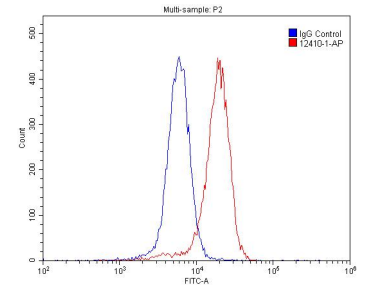
Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 12410-1-AP (GABRA1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP Result of anti-GABRA1 (IP:12410-1-AP, 3ug; Detection:12410-1-AP 1:400) with mouse brain tissue lysate 3600ug.



1X10⁶ SH-SY5Y cells were stained with 0.2ug GABRA1 antibody (12410-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.