

For Research Use Only

# GABRA4 Polyclonal antibody

Catalog Number: 12979-1-AP

1 Publications



## Basic Information

**Catalog Number:**

12979-1-AP

**Size:**

150UL, Concentration: 1000 µg/ml by 2557  
Nanodrop and 573 µg/ml by Bradford  
method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG3600

**GenBank Accession Number:**

BC035055

**GeneID (NCBI):**

2557

**Full Name:**

gamma-aminobutyric acid (GABA) A  
receptor, alpha 4

**Calculated MW:**

554 aa, 62 kDa

**Observed MW:**

62-70 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:3000

IP 0.5-4.0 ug for IP and 1:500-1:1000  
for WB

## Applications

**Tested Applications:**

IP, WB, ELISA

**Cited Applications:**

WB

**Species Specificity:**

human, mouse, rat

**Cited Species:**

mouse

**Positive Controls:**

WB: mouse skeletal muscle tissue, human brain  
tissue, human kidney tissue, mouse brain tissue

IP: mouse skeletal muscle tissue,

## Background Information

## Notable Publications

Author	Pubmed ID	Journal	Application
Jiaxun Nie	32683743	FASEB J	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)

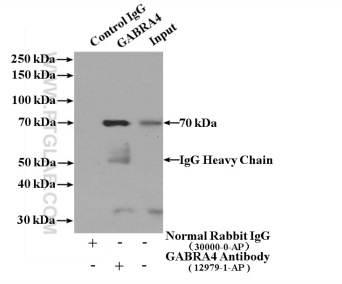
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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other manufacturer.

## Selected Validation Data



mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 12979-1-AP (GABRA4 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP Result of anti-GABRA4 (IP:12979-1-AP, 4ug; Detection:12979-1-AP 1:500) with mouse skeletal muscle tissue lysate 2200ug.