

For Research Use Only

# ASIC2 Polyclonal antibody

Catalog Number: 17851-1-AP

2 Publications



## Basic Information

### Catalog Number:

17851-1-AP

### Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 273 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG12301

### GenBank Accession Number:

BC075043

### GeneID (NCBI):

40

### UNIPROT ID:

Q16515

### Full Name:

amiloride-sensitive cation channel 1, neuronal

### Calculated MW:

512 aa, 58 kDa

### Observed MW:

70 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:200-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

## Applications

### Tested Applications:

WB, IP, ELISA

### Cited Applications:

WB

### Species Specificity:

human, mouse, rat

### Cited Species:

human

### Positive Controls:

WB: rat brain tissue,

IP: mouse brain tissue,

## Background Information

ASIC2 (acid-sensing ion channel 2), also known as ACCN1 (amiloride-sensitive cation channel 1, neuronal), is a member of the degenerin/epithelial sodium channel (DEG/ENaC) superfamily. ASIC2 is widely expressed in the central nervous system (CNS), may playing a role in neurotransmission. It has two alternatively spliced variants, ASIC2a and ASIC2b.

## Notable Publications

Author	Pubmed ID	Journal	Application
Junyu Xu	26868290	Sci Rep	WB
Jingyu Ding	33824228	Aging (Albany NY)	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

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

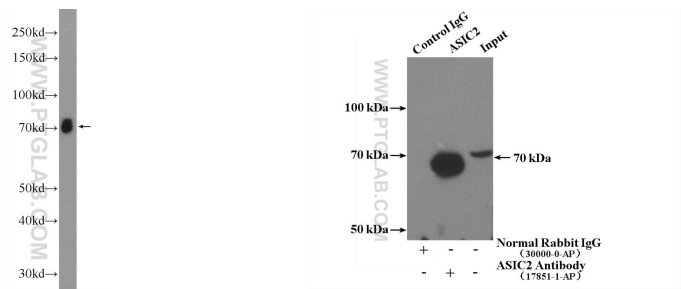
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Selected Validation Data



rat brain tissue were subjected to SDS PAGE followed by western blot with 17851-1-AP (ASIC2 antibody at dilution of 1:300 incubated at 4 degree celsius over night.

IP result of anti-ASIC2 (IP:17851-1-AP, 4ug; Detection:17851-1-AP 1:500) with mouse brain tissue lysate 4000ug.