

For Research Use Only

ASIC2 Polyclonal antibody

Catalog Number: 17851-1-AP

2 Publications



Basic Information

Catalog Number:

17851-1-AP

Size:

450 µg/ml

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 µg for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

IP, WB, 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

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

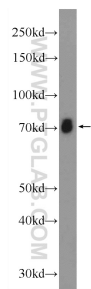
T: 4006900926

E: Proteintech-CN@ptglab.com

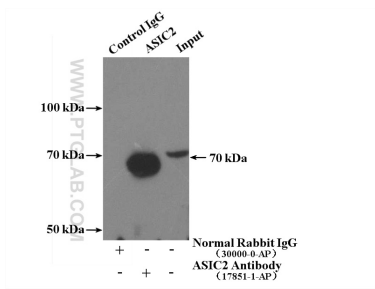
W: ptgcn.com

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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.