

For Research Use Only

ASIC2 Polyclonal antibody

Catalog Number: 17851-1-AP **2 Publications**



Basic Information

Catalog Number: 17851-1-AP	GenBank Accession Number: BC075043	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 µg/ml by Nanodrop and 273 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 40	Recommended Dilutions: WB 1:200-1:1000
Source: Rabbit	Full Name: amiloride-sensitive cation channel 1, neuronal	IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
Isotype: IgG	Calculated MW: 512 aa, 58 kDa	
Immunogen Catalog Number: AG12301	Observed MW: 70 kDa	

Applications

Tested Applications: IP, WB, ELISA	Positive Controls:
Cited Applications: WB	WB : rat brain tissue,
Species Specificity: human, mouse, rat	IP : mouse brain tissue,
Cited Species: human	

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

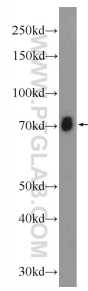
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

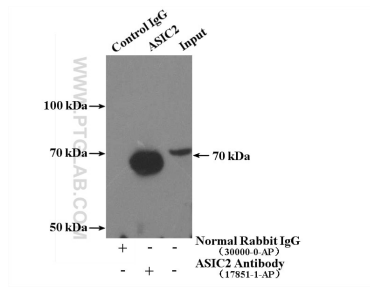
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



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.