

For Research Use Only

ASIC1 Recombinant antibody

Catalog Number:85089-1-RR



Basic Information

Catalog Number:

85089-1-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25941

GenBank Accession Number:

NM_001095

GeneID (NCBI):

41

UNIPROT ID:

P78348

Full Name:

amiloride-sensitive cation channel 2,
neuronal

Calculated MW:

60 kDa

Observed MW:

60-70 kDa

Purification Method:

Protein A purification

CloneNo.:

242749B11

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : BxPC-3 cells, mouse brain tissue, LNCaP cells, SH-SY5Y cells, rat brain tissue, mouse cerebellum tissue

Background Information

ASIC1(Acid-sensing ion channel 1), also named as ACCN2, BNaC2 or amiloride-sensitive cation channel 2, is a member of the ASICs family. ASICs, an H⁺-gated subgroup of the epithelial Na⁺ channel/ degenerin (ENaC/DEG) superfamily, are widely expressed throughout the central and peripheral nervous system and triggered by increased extracellular acidification (PMID: 28518134, 27941930). ASIC1 is a key player in acidosis-induced tumor growth and invasiveness. Clinically, alterations of ASIC1 are associated with poor survival in breast cancer (PMID: 26686084).

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:

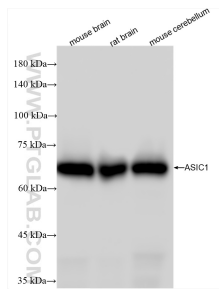
T: 4006900926

E: Proteintech-CN@ptglab.com

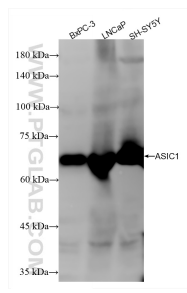
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85089-1-RR (ASIC1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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