

ASIC1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP14342
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthetic Peptide of ASIC1
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, IHC-f
Concentration	1 mg/ml
Full name	Acid-sensing ion channel 1
Synonyms	Acid-sensing ion channel 1 ;ASIC1;Amiloride-sensitive cation channel 2, neuronal;Brain sodium channel 2;BNAc2; Acid-sensing ion channel 1; ASIC1; Amiloride-sensitive cation channel 2, neuronal; Brain sodium channel 2; BNAc2

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes a member of the acid-sensing ion channel (ASIC) family of proteins, which are part of the degenerin/epithelial sodium channel (DEG/ENaC) superfamily. Members of the ASIC family are sensitive to amiloride and function in neurotransmission. The encoded proteins function in learning, pain transduction, touch sensation, and development of memory and fear. Alternatively spliced transcript variants have been described.

Recommended Dilution

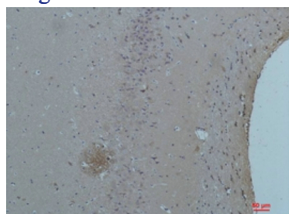
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

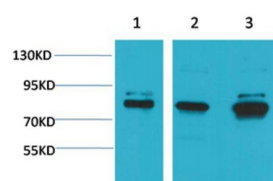
ELISA: 1: 40000

Not yet tested in other applications.

Images



Immunohistochemical analysis of paraffin-embedded Rat Brain Tissue using ASIC1 Rabbit pAb diluted at 1:200.



Western blot analysis of 1) 293T, 2) Mouse Brain Tissue, 3) Rat Brain Tissue with ASIC1 Rabbit pAb diluted at 1:2,000

Storage

-20°C for 1 year

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