

## ASIC4 Polyclonal Antibody

Catalog No: #29989

Package Size: #29989-1 50ul #29989-2 100ul

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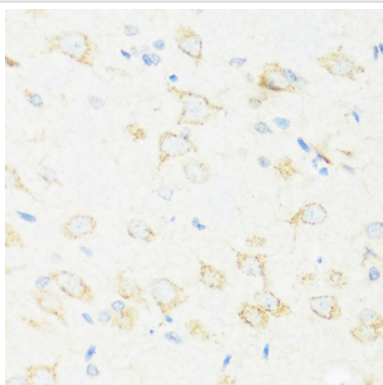
## Description

Product Name	ASIC4 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	IHC
Species Reactivity	Rat
Immunogen Description	Recombinant fusion protein of human ASIC4 (NP_878267.2).
Other Names	ASIC4; ACCN4; BNAC4; acid-sensing ion channel 4
Accession No.	Swiss-Prot#:Q96FT7NCBI Gene ID:55515
Uniprot	Q96FT7
GeneID	55515;
Calculated MW	Refer to figures
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

## Application Details

IHC□1:50 - 1:200

## Images



Immunohistochemistry of paraffin-embedded rat brain using ASIC4 at dilution of 1:100 (40x lens).

## Background

This gene belongs to the superfamily of acid-sensing ion channels, which are proton-gated, amiloride-sensitive sodium channels. These channels have been implicated in synaptic transmission, pain perception as well as mechanoperception. This gene is predominantly expressed in the pituitary gland, and was considered a candidate for paroxysmal dystonic choreoathetosis (PDC), a movement disorder, however, no correlation was found between mutations in this gene and PDC.

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Note: This product is for in vitro research use only