

## Acid-sensing ion channel 3 Polyclonal Antibody

Catalog No: #42434

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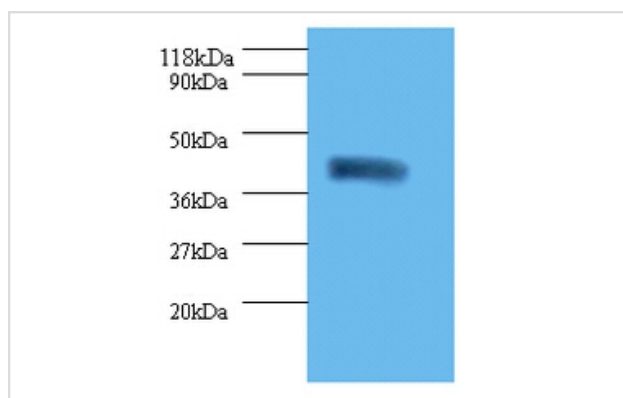
## Description

|                       |   |
|-----------------------|---|
| Product Name          | Acid-sensing ion channel 3 Polyclonal Antibody  |
| Host Species          | Rabbit  |
| Clonality             | Polyclonal  |
| Purification          | Caprylic Acid Ammonium Sulfate Precipitation purified   |
| Applications          | WB IHC  |
| Species Reactivity    | Hu  |
| Specificity           | The antibody detects endogenous level of total Acid-sensing ion channel 3 polyclonal antibody.  |
| Immunogen Type        | protein   |
| Immunogen Description | Recombinant human Acid-sensing ion channel 3 protein  |
| Target Name           | Acid-sensing ion channel 3  |
| Other Names           | Amiloride-sensitive cation channel 3 Neuronal amiloride-sensitive cation channel 3 Testis sodium channel 1<br>ASIC3, ACCN3, SLNAC1, TNAC1 |
| Accession No.         | Swiss-Prot#: Q9UHC3   |
| Uniprot               | Q9UHC3  |
| GeneID                | 9311;   |
| Calculated MW         | 47kd  |
| Formulation           | Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4   |
| Storage               | Store at -20°C  |

## Application Details

Western blotting: □ 1:500 - 1:1000

## Images



All lanes :PICK1 antibody at 2ug/ml+mouse brain tissue  
secondary  
Goat polyclonal to rabbit IgG at 1/10000 dilution  
Predicted band size:47kDa  
Observed band size:47kDa

## Background

Cation channel with high affinity for sodium, which is gated by extracellular protons and inhibited by the diuretic amiloride. Generates a biphasic current with a fast inactivating and a slow sustained phase. In sensory neurons is proposed to mediate the pain induced by acidosis that occurs in

ischemic, damaged or inflamed tissue. May be involved in hyperalgesia. May play a role in mechanoreception. Heteromeric channel assembly seems to modulate channel properties.

## References

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[1] Molecular cloning of a DEG/ENaC sodium channel cDNA from human testis. Ishibashi K., Marumo F. Biochem. Biophys. Res. Commun. 245:589-593(1998) [2] Identification, functional expression and chromosomal localisation of a sustained human proton-gated

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Note: This product is for in vitro research use only