



ASIC2 (Acid Sensitive Ion Channel 2, BNaC1, Brain Sodium Channel 1, BNC1, MDEG1, Mammalian Degenerin1, Amiloride-Sensitive Neuronal Cation Channel 1, Accn1)

Catalog number

A3792

Supplier

United States Biological

Applications:

Suitable for use in Western Blot. Other applications have not been tested.

Recommended Dilution

Western Blot: 1:200 (Rat brain membranes)
Optimal dilutions to be determined by the researcher.

Control Antigen Included

A3792A

Storage and Stability

Lyophilized powder may be stored at -20°C. Stable for 12 months after receipt at -20°C. Reconstitute with sterile ddH₂O. Aliquot to avoid repeated freezing and thawing. Store at -20°C. Reconstituted product is stable for 12 months at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

Immunogen

Synthetic peptide corresponding to aa2-18 (DLKES PSEGS LQPSS IQC) of human ASIC2. The epitope is not specific for ASIC2b (MDEG2) splice variant. Epitope Location: Intracellular, N-terminus. Species Sequence Homology: mouse: 100%

Formulation

Supplied as a lyophilized powder in PBS, pH 7.4, 1% BSA, 5% sucrose, 0.025% sodium azide. Reconstitute with 50ul of sterile ddH₂O.

Purity

Purified by immunoaffinity chromatography.

Specificity

Recognizes human Acid Sensitive Ion Channel 2. Does not recognize ASIC2b. Species crossreactivity: Rat.

Product Type

Pab

Source



human

Isotype

IgG

Grade

Affinity Purified

Applications

WB

Crossreactivity

Hu Rt

Storage

-20°C

Reference

1. Alvarez de la Rosa, D., et al., PNAS 99: 2326 (2002).