



**RABBIT ANTI-ACID SENSITIVE ION CHANNEL 1 (ASIC1, BnaC2)
AFFINITY PURIFIED
POLYCLONAL ANTIBODY**

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|------------------------------|---|-----------------------|----------|
| CATALOG NUMBER: | AB5674P | QUANTITY: | 50 µg |
| LOT NUMBER: | | CONCENTRATION: | xx mg/mL |
| SPECIFICITY: | Recognizes rat Acid Sensitive Ion Channel 1 (ASIC1). The immunogen shows no significant sequence homology with ASIC-beta or other ASICs. | | |
| IMMUNOGEN: | A 20 amino acid peptide sequence near the extracellular N-terminus of rat ASIC1 (1). | | |
| APPLICATIONS: | Western blot: 1-10 µg/mL using ECL. Immunohistochemistry: not tested. It is recommended that the antibody be tried at 1-20 µg/mL on paraformaldehyde fixed tissue. ELISA: 0.5-1 µg/mL using 1 µg/mL control peptide (Catalog number AG394) per well. Optimal working dilutions must be determined by the end user. | | |
| SPECIES REACTIVITIES: | Rat. The immunogen sequence has 100% homology with human and mouse sodium channel 2 or BNaC2. Reactivity with other species has not been confirmed. | | |
| FORMAT: | Affinity purified immunoglobulin. | | |
| PRESENTATION: | Liquid in PBS with 0.1% BSA | | |
| STORAGE/HANDLING: | Maintain at -20°C in undiluted aliquots for up to 6 months after date of receipt. Avoid repeated freeze/thaw cycles. | | |
| RELATED REFERENCES: | 1. Waldmann, R et al (1997) <i>Nature</i> , 386 , 173-177; Garcia-Anoveros j et al (1997) <i>PNAS</i> 94 , 1459-1464; Waldmann, R et al (1996) <i>J Biol. Chem.</i> 271 , 10433. | | |

Important Note: During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

**FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION**

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