

Datasheet for ABIN7042917
anti-ASIC3 antibody (Intracellular, N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	25 µL
Target:	ASIC3 (ACCN3)
Binding Specificity:	AA 2-16, Intracellular, N-Term
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ASIC3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: KPRSGLEEAQRRQAS(C), corresponding to amino acid residues 2-16 of rat ASIC3
Isotype:	IgG
Characteristics:	Anti-ASIC3 Antibody (ABIN7042917, ABIN7045243 and ABIN7045244)) is a highly specific antibody directed against an epitope of the rat protein. The antibody can be used in western blot, immunocytochemistry, and immunohistochemistry applications. It has been designed to recognize ASIC3 from rat, human, and mouse samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

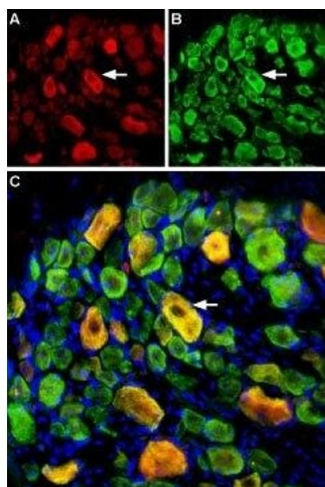
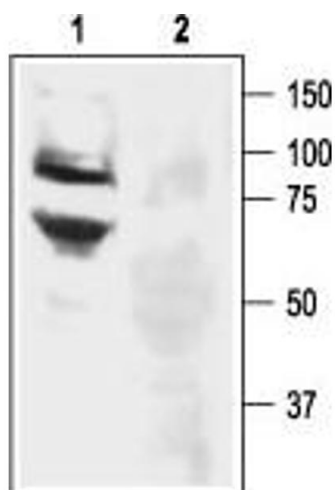
Target:	ASIC3 (ACCN3)
Alternative Name:	ASIC3 (ACCN3 Products)
Background:	Alternative names: ASIC3, Acid-sensing ion channel 3, Amiloride-sensitive cation channel 3, ACCN3, DRASIC
Gene ID:	286920
NCBI Accession:	NM_004769
UniProt:	O35240

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



Western Blotting

Image 1. Western blot analysis of rat DRG lysate: - 1. Anti-ASIC3 Antibody (ABIN7042917, ABIN7045243 and ABIN7045244), (1:200). 2. Anti-ASIC3 Antibody, preincubated with ASIC3 Blocking Peptide (#BLP-SC018).

Immunohistochemistry

Image 2. Multiplex staining of ASIC1 and ASIC3 in rat DRG - Immunohistochemical staining of perfusion-fixed frozen rat dorsal root ganglia (DRG) sections using Guinea pig Anti-ASIC1 Antibody (ABIN7042914, ABIN7045410 and ABIN7045411), (1:400) and rabbit Anti-ASIC3 Antibody (ABIN7042917, ABIN7045243 and ABIN7045244), (1:400). A. ASIC3 staining. B. ASIC1 staining in same section (green). C. Merge of the two images shows some co-localization (arrow). Cell nuclei were stained with DAPI (blue).