

Datasheet for ABIN2613387
anti-ASIC1 antibody (C-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	ASIC1 (ACCN2)
Binding Specificity:	C-Term
Reactivity:	Mouse, Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ASIC1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Purpose:	ASIC1
Sequence:	NILPHHPARG T
Isotype:	IgG
Specificity:	This antibody is expected to recognize all reported isoforms (NP_064423.2, NP_001086.2, NP_001243759.1).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

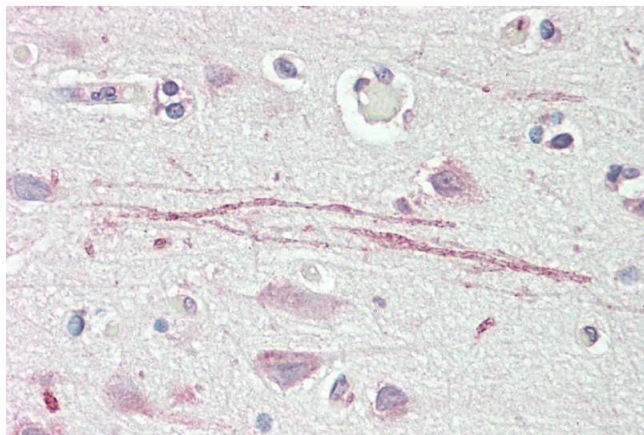
Target:	ASIC1 (ACCN2)
Alternative Name:	ASIC1 (ACCN2 Products)
Background:	ASIC1, acid-sensing (proton-gated) ion channel 1, ACCN2, ASIC, BNaC2, Cation channel, amiloride-sensitive, neuronal, 2, acid-sensing ion channel 1, acid-sensing ion channel 1a protein, amiloride-sensitive cation channel 2, neuronal, brain sodium channel 2
Gene ID:	41, 11419, 79123
NCBI Accession:	NP_064423 , NP_001086 , NP_001243759

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Brain (Cortex) and Pancreas. Recommended concentration: 5 µg/mL. Western Blot: Approx 70 kDa band observed in Mouse fetal Brain lysates (calculated MW of 64.8 kDa according to NP_064423.2). Recommended concentration: 0.3-1 µg/mL. Primary incubation was 1 hour. Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only

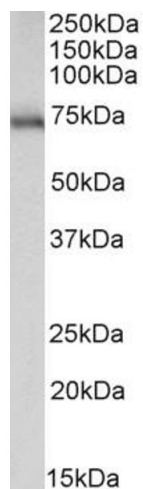
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



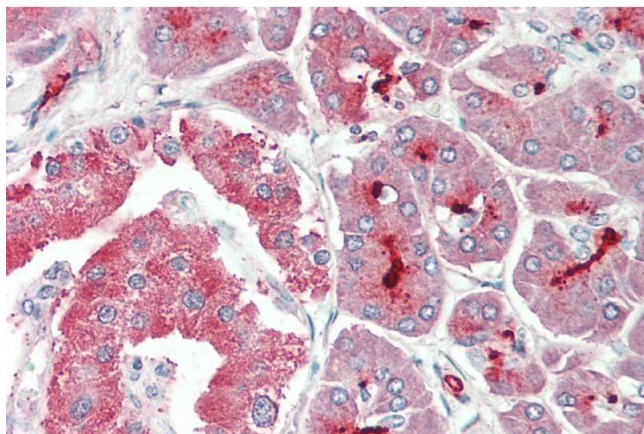
Immunohistochemistry

Image 1. ABIN2613387 (5µg/ml) staining of paraffin embedded Human Cortex. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blotting

Image 2. ABIN2613387 (0.3µg/ml) staining of Mouse fetal Brain lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



Immunohistochemistry

Image 3. ABIN2613387 (5µg/ml) staining of paraffin embedded Human Pancreas. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.