anti-ACCN1 antibody (Middle Region)

3 Images

Overview

Quantity:	0.4 mL
Target:	ACCN1
Binding Specificity:	AA 127-156, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACCN1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 127~156 amino acids from the Center region of human ACCN1
Isotype:	Ig Fraction
Specificity:	This antibody reacts to ASIC2 / ACCN1.
Cross-Reactivity (Details):	Species reactivity (tested):Human.
Purification:	Affinity chromatography on Protein A

Target Details

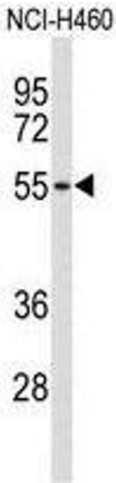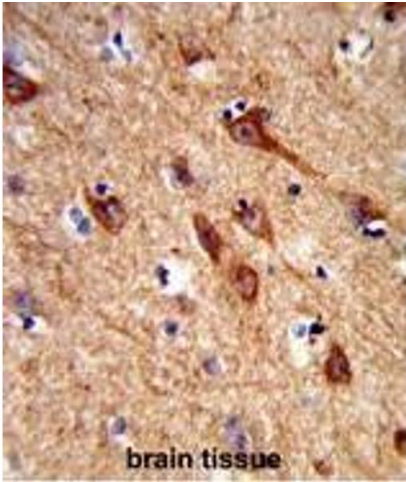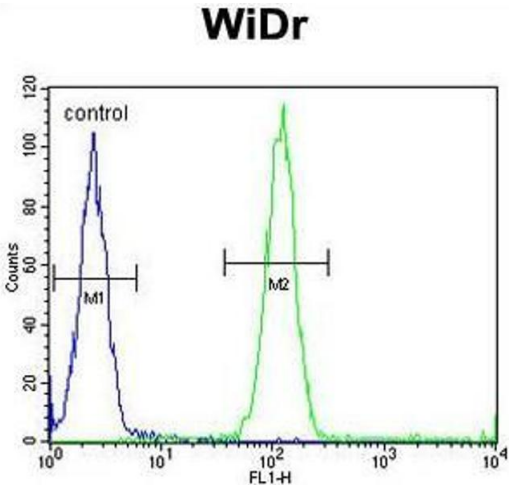|	
Target:	ACCN1

Target Details

Alternative Name:	ASIC2 / ACCN1 (ACCN1 Products)
Background:	ACCN1 encodes a member of the degenerin/epithelial sodium channel (DEG/ENaC) superfamily. The members of this family are amiloride-sensitive sodium channels that contain intracellular N and C termini, 2 hydrophobic transmembrane regions, and a large extracellular loop, which has many cysteine residues with conserved spacing. The member encoded by this protein may play a role in neurotransmission. In addition, a heteromeric association between this member and ACCN3 (variant 1) has been observed to co-assemble into proton-gated channels sensitive to gadolinium.Synonyms: Acid-sensing ion channel 2, Amiloride-sensitive brain sodium channel, Amiloride-sensitive cation channel 1, Amiloride-sensitive cation channel neuronal 1, BNAC1, Brain sodium channel 1, MDEG, neuronal
Gene ID:	40
NCBI Accession:	NP_001085
Pathways:	Sensory Perception of Sound

Application Details

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

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) sodium azide as preservative
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:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn
International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com
Page 2/3 | Product datasheet for ABIN950536 | 09/12/2023 | Copyright antibodies-online. All rights reserved.

Images

WiDr

Flow Cytometry

Image 1. ACCN1 Antibody (Center) flow cytometric analysis of WiDr cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Formalin-fixed and paraffin-embedded human brain tissue reacted with ACCN1 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Western Blotting

Image 3. Western blot analysis of ACCN1 Antibody (Center) in NCI-H460 cell line lysates (35 μg/lane). ACCN1 (arrow) was detected using the purified Pab.