

Datasheet for ABIN653161
anti-ACCN1 antibody (AA 120-148)[Go to Product page](#)

3 Images

Overview

Quantity:	400 µL
Target:	ACCN1
Binding Specificity:	AA 120-148
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACCN1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This ACCN1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 120-148 amino acids from the Central region of human ACCN1.
Clone:	RB22513
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ACCN1
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Target Details

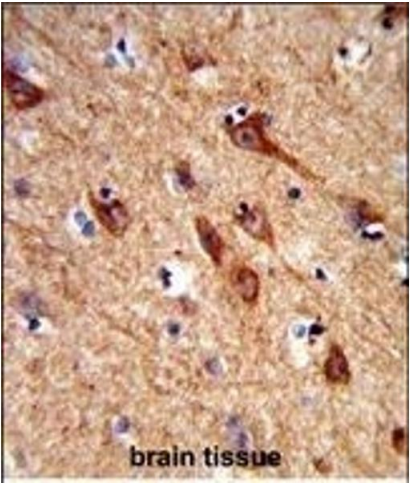
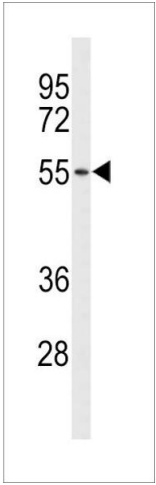
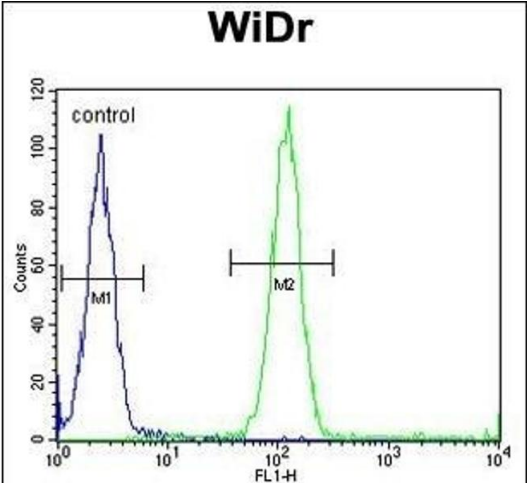
Alternative Name:	ACCN1 (ACCN1 Products)
Background:	ACCN1 encodes a member of the degenerin/epithelial sodium channel (DEG/ENaC) superfamily. The members of this family are amiloride-sensitive sodium channels that contain intracellular N and C termini, 2 hydrophobic transmembrane regions, and a large 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.
Molecular Weight:	57709
Gene ID:	40
NCBI Accession:	NP_001085 , NP_899233
UniProt:	Q16515
Pathways:	Sensory Perception of Sound

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Flow Cytometry

Image 1. ACCN1 Antibody (Center) (ABIN653161 and ABIN2842729) 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.

Western Blotting

Image 2. Western blot analysis of ACCN1 Antibody (Center) (ABIN653161 and ABIN2842729) in NCI- cell line lysates (35 µg/lane). ACCN1 (arrow) was detected using the purified Pab.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. 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.