

Datasheet for ABIN5647474
anti-ACCN1 antibody (AA 120-148)[Go to Product page](#)

2 Images

Overview

Quantity:	0.08 mL
Target:	ACCN1
Binding Specificity:	AA 120-148
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Immunogen:	A portion of amino acids 120-148 from the human protein was used as the immunogen for this ACCN1 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse,Rat
Purification:	Antigen affinity purified

Target Details

Target:	ACCN1
Alternative Name:	ACCN1 / ASIC2 (ACCN1 Products)
Background:	Amiloride-sensitive cation channel neuronal 1 is 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

Target Details

a large extracellular loop, which has many cysteine residues with conserved spacing. ACCN1 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.

UniProt: [Q16515](#)

Pathways: [Sensory Perception of Sound](#)

Application Details

Application Notes: Western blot: 1:500-1000,IHC (Paraffin): 1:25-1:50,Flow Cytometry: 1:10-1:50

Restrictions: For Research Use only

Handling

Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

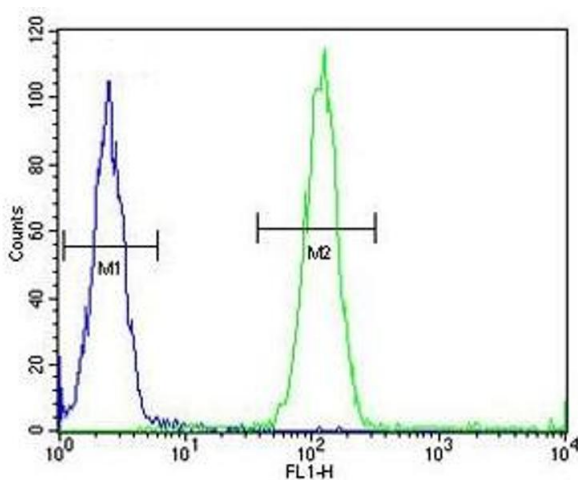
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Aliquot the ACCN1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



Flow Cytometry

Image 1. ACCN1 antibody flow cytometric analysis (intracellular) of human WiDr cells (right histogram) compared to a [negative control](#) (left histogram). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Western Blotting

Image 2. Western blot analysis of ACCN1 antibody and human NCI-H460 lysate. Predicted molecular weight ~58 kDa.