

Datasheet for ABIN7143000
anti-ACCN1 antibody (AA 197-345)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	ACCN1
Binding Specificity:	AA 197-345
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ACCN1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Acid-sensing ion channel 2 protein (197-345AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	ACCN1
Alternative Name:	ASIC2 (ACCN1 Products)
Background:	Background: Cation channel with high affinity for sodium, which is gated by extracellular protons and inhibited by the diuretic amiloride. Also permeable for Li(+) and K(+). Generates a

Target Details

biphasic current with a fast inactivating and a slow sustained phase. Heteromeric channel assembly seems to modulate.

Aliases: ACCN antibody, ACCN1 antibody, ACCN1_HUMAN antibody, Acid sensing ion channel 2 antibody, Acid-sensing ion channel 2 antibody, Amiloride sensitive brain sodium channel antibody, Amiloride sensitive cation channel 1 neuronal (degenerin) antibody, Amiloride sensitive cation channel 1 neuronal antibody, Amiloride-sensitive brain sodium channel antibody, Amiloride-sensitive cation channel 1, neuronal antibody, Amiloride-sensitive cation channel neuronal 1 antibody, ASIC2 antibody, ASIC2a antibody, BNaC1 antibody, BNC1 antibody, Brain sodium channel 1 antibody, Degenerin antibody, hBNaC1 antibody, Mammalian degenerin homolog antibody, MDEG antibody, Neuronal amiloride sensitive cation channel 1 antibody

UniProt: [Q16515](#)

Pathways: [Sensory Perception of Sound](#)

Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

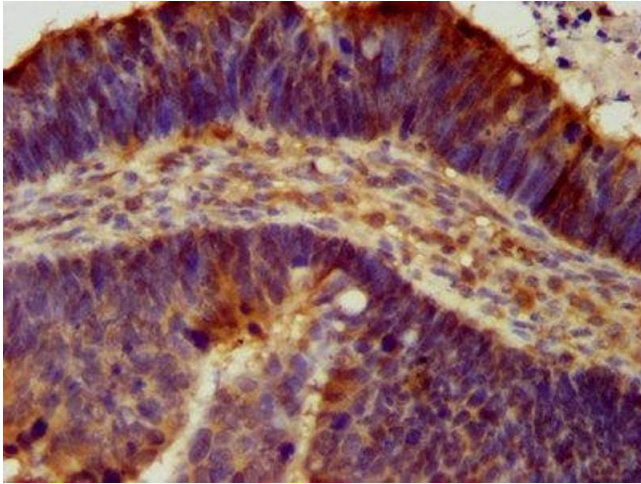
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

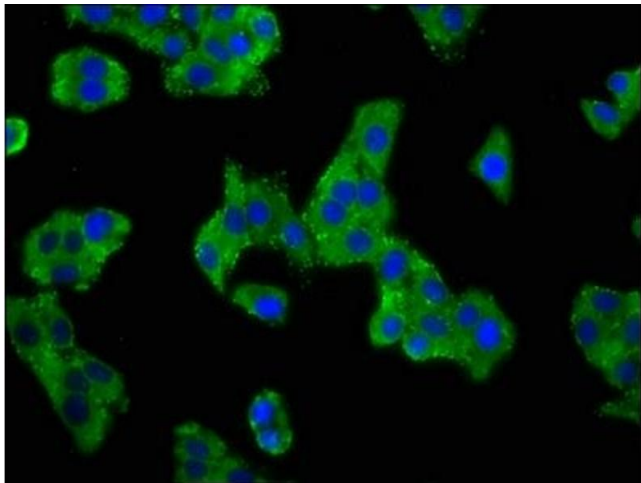
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



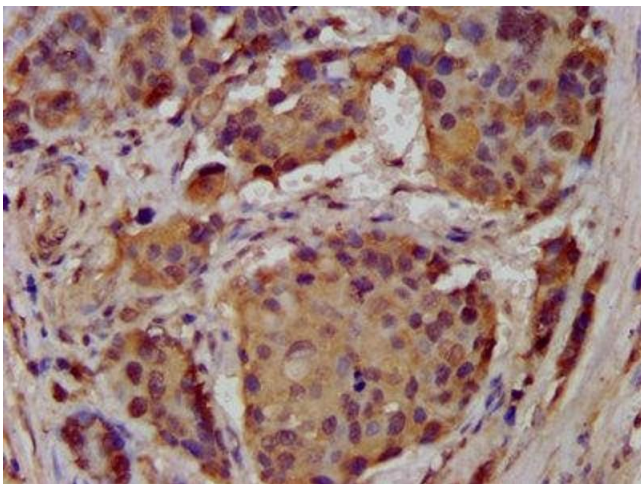
Immunohistochemistry

Image 1. IHC image of ABIN7143000 diluted at 1:300 and staining in paraffin-embedded human ovarian cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Immunofluorescence

Image 2. Immunofluorescence staining of HepG2 cells with ABIN7143000 at 1:100, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemistry

Image 3. IHC image of ABIN7143000 diluted at 1:300 and staining in paraffin-embedded human pancreatic cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.