

Datasheet for ABIN7143004
anti-ASIC3 antibody (AA 62-320)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	ASIC3 (ACCN3)
Binding Specificity:	AA 62-320
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ASIC3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Acid-sensing ion channel 3 protein (62-320AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	ASIC3 (ACCN3)
Alternative Name:	ASIC3 (ACCN3 Products)
Background:	Background: Cation channel with high affinity for sodium, which is gated by extracellular protons and inhibited by the diuretic amiloride. Generates a biphasic current with a fast

Target Details

inactivating and a slow sustained phase. In sensory neurons is proposed to mediate the pain induced by acidosis that occurs in ischemic, damaged or inflamed tissue. May be involved in hyperalgesia. May play a role in mechanoreception. Heteromeric channel assembly seems to modulate channel properties.

Aliases: ACCN 3 antibody, Accn3 antibody, ACCN3_HUMAN antibody, Acid sensing ion channel 3 antibody, Acid-sensing ion channel 3 antibody, Amiloride sensitive cation channel 3 antibody, Amiloride sensitive cation channel 3 testis antibody, Amiloride-sensitive cation channel 3 antibody, ASIC 3 antibody, ASIC3 antibody, DRASIC antibody, hASIC 3 antibody, hASIC3 antibody, hTNaC 1 antibody, hTNaC1 antibody, Modulatory subunit of ASIC 2a antibody, Modulatory subunit of ASIC2a antibody, Neuronal amiloride sensitive cation channel 3 antibody, Neuronal amiloride-sensitive cation channel 3 antibody, Proton gated cation channel subunit antibody, SLNAC 1 antibody, SLNAC1 antibody, Testis sodium channel 1 antibody, TNaC 1 antibody, TNaC1 antibody

UniProt: [Q9UHC3](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

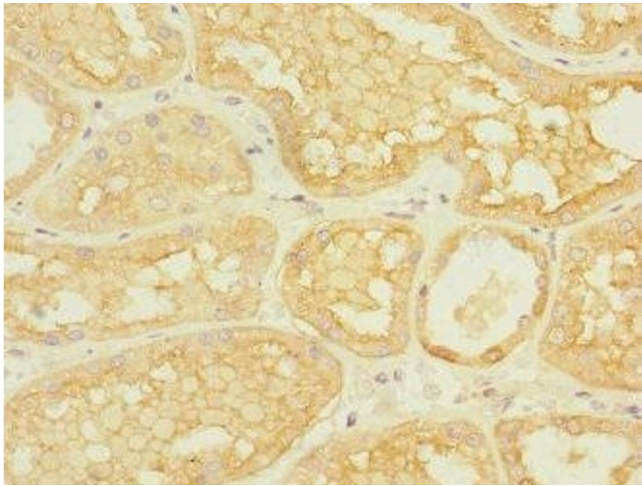
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

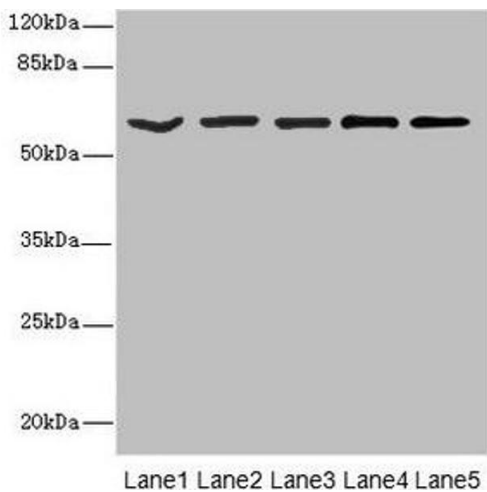
Storage: -20 °C, -80 °C

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



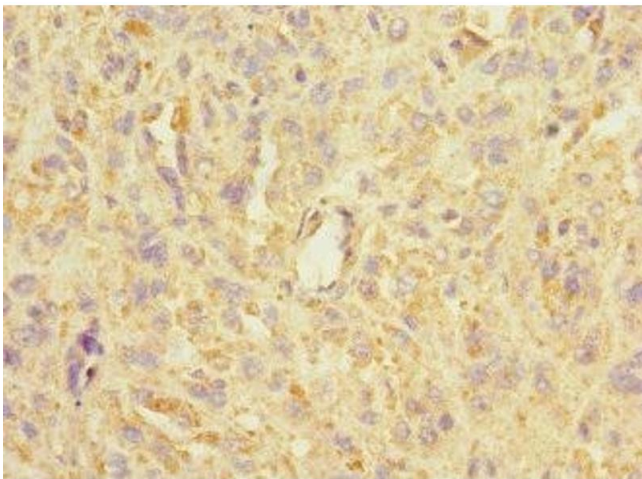
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7143004 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: ASIC3 antibody at 2.4 μ g/mL Lane 1: Jurkat whole cell lysate Lane 2: HepG2 whole cell lysate Lane 3: Hela whole cell lysate Lane 4: A549 whole cell lysate Lane 5: A431 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 59, 61, 45 kDa Observed band size: 59 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human melanoma using ABIN7143004 at dilution of 1:100