

Rabbit anti-Human ASIC3 Polyclonal Antibody | anti-ASIC3 antibody

ASIC3 Antibody

CATALOG # AAA230966	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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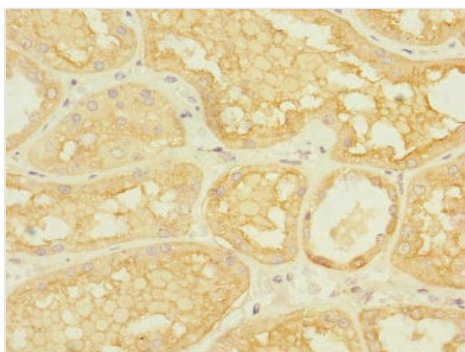
PRODUCT SYNONYMS

ASIC3; Polyclonal Antibody; ASIC3 Antibody; Acid-sensing ion channel 3; hASIC3; Amiloride-sensitive cation channel 3; Neuronal amiloride-sensitive cation channel 3; Testis sodium channel 1; hTNaC1; ACCN3; SLNAC1; TNAC1; anti-ASIC3 antibody

PRODUCT SPECIFICATIONS

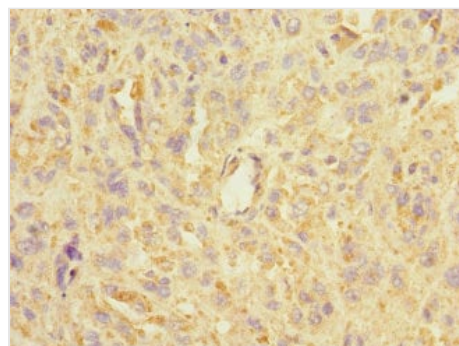
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid
Sequence Length	531
Applicable Applications for anti-ASIC3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Species	Human
Immunogen	Recombinant human Acid-sensing ion channel 3 protein (62-320AA)
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-21845 / sc-130965
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



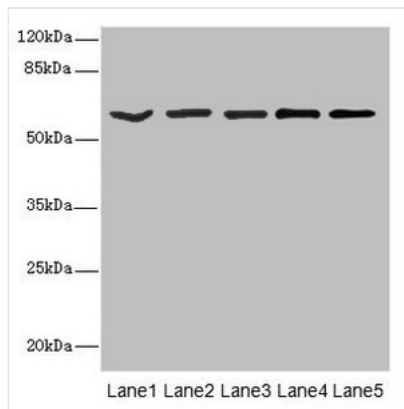
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA230966 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human melanoma using AAA230966 at dilution 1:100



WB (Western Blot)

Western blotAll lanes: ASIC3 antibody at 2.4ug/mlLane 1: Jurkat whole cell lysateLane 2: HepG-2 whole cell lysateLane 3: Hela whole cell lysateLane 4: A549 whole cell lysateLane 5: A431 whole cell lysateSecondaryGoat polyclonal to rabbit IgG at 1/10000 dilutionPredicted band size: 59,61,45 kDaObserved band size: 59 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ASIC3 antibody

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 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757710
NCBI GeneID	9311
NCBI Accession #	NP_004760.1
NCBI GenBank Nucleotide #	NM_004769.3
UniProt Accession #	Q9UHC3; O60263; O75906; Q59FN9; Q9UER8; Q9UHC4; B2R9V0
Molecular Weight	44,999 Da
NCBI Official Full Name	acid-sensing ion channel 3 isoform a
NCBI Official Synonym Full Names	acid sensing ion channel subunit 3
NCBI Official Symbol	ASIC3
NCBI Official Synonym Symbols	ACCN3; TNaC1; DRASIC; SLNAC1
NCBI Protein Information	acid-sensing ion channel 3
UniProt Protein Name	Acid-sensing ion channel 3
UniProt Gene Name	ASIC3
UniProt Synonym Gene Names	ACCN3; SLNAC1; TNAC1; ASIC3; hASIC3; hTNaC1
UniProt Entry Name	ASIC3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/asic3-antibody-immunohistochemistry-western-blot-elisa/230966>