

Rabbit anti-Human ASIC2 Polyclonal Antibody | anti-ASIC2 antibody

ASIC2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234624	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

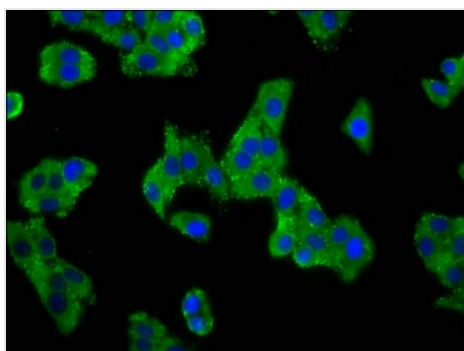
PRODUCT SYNONYMS

ASIC2; Polyclonal Antibody; ASIC2 Antibody; Acid-sensing ion channel 2; Amiloride-sensitive brain sodium channel; Amiloride-sensitive cation channel 1; neuronal; Amiloride-sensitive cation channel neuronal 1; Brain sodium channel 11; ACCN; ACCN1; BNAC1; MDEG; anti-ASIC2 antibody

PRODUCT SPECIFICATIONS

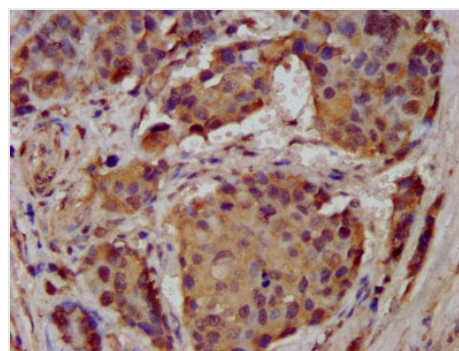
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	512
Applicable Applications for anti-ASIC2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Acid-sensing ion channel 2 protein (197-345AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



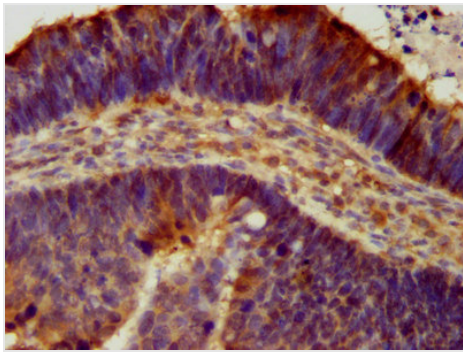
IHC (Immunohistochemistry)

Immunofluorescence staining of HepG2 cells with AAA234624 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 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234624 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 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA234624 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 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-ASIC2 antibody	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 biphasic current with a fast inactivating and a slow sustained phase. Heteromeric channel assembly seems to modulate.
Product Categories/Family for anti-ASIC2 antibody	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	9998944
NCBI GeneID	40
NCBI Accession #	NP_001085.2
NCBI GenBank Nucleotide #	NM_001094.4
UniProt Accession #	Q16515; Q13553; Q6DJU1; Q8N3E2; E9PBX2
Molecular Weight	62,887 Da
NCBI Official Full Name	acid-sensing ion channel 2 isoform MDEG1
NCBI Official Synonym Full Names	acid sensing ion channel subunit 2
NCBI Official Symbol	ASIC2
NCBI Official Synonym Symbols	ACCN; BNC1; MDEG; ACCN1; BNaC1; ASIC2a; hBNaC1
NCBI Protein Information	acid-sensing ion channel 2
UniProt Protein Name	Acid-sensing ion channel 2
UniProt Gene Name	ASIC2
UniProt Synonym Gene Names	ACCN; ACCN1; BNAC1; MDEG; MDEG

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://www.aaabiotech.com/polyclonal/asic2-antibody-immunofluorescence-immunohistochemistry-elisa/234624>