

Rabbit ACCN2 Polyclonal Antibody | anti-ASIC1 antibody

ACCN2 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA287160	Rabbit	Human (Predicted Reactivity: Chicken, Mouse, Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

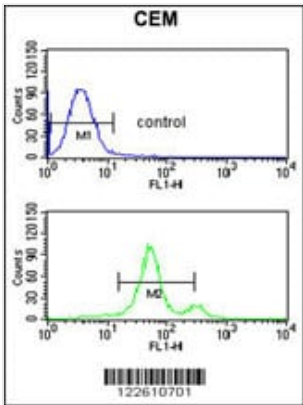
PRODUCT SYNONYMS

ACCN2; Polyclonal Antibody; ACCN2 Antibody (C-term); Acid-sensing ion channel 1; ASIC1; Amiloride-sensitive cation channel 2; neuronal; Brain sodium channel 2; BNaC2; BNAC2; anti-ASIC1 antibody

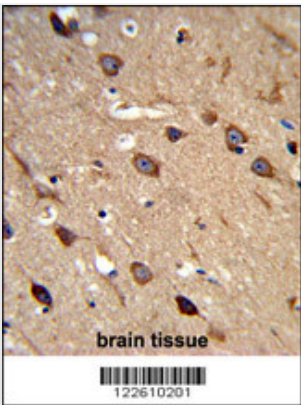
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Chicken, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ACCN2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 500-526 amino acids from the C-terminal region of human ACCN2.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	500-526
Sequence Length	562
Applicable Applications for anti-ASIC1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

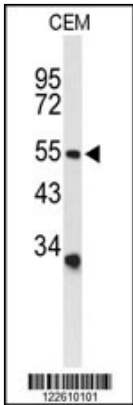
IMAGES



FCM/FACS (Flow Cytometry)
ACCN2 Antibody (C-term) flow cytometric analysis of CEM cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with ACCN2 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of ACCN2 Antibody (C-term) in CEM cell line lysates (35ug/lane). ACCN2 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ASIC1 antibody	ACCN2 encodes 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 a large extracellular loop, which has many cysteine residues with conserved spacing. The member is expressed in most if not all brain neurons, and it may be an ion channel subunit; however, its function as an ion channel remains unknown.
Product Categories/Family for anti-ASIC1 antibody	Neuroscience
References	Sherwood,T., et.al., J. Biol. Chem. 284 (41), 27899-27907 (2009) Kapoor,N., et.al., J. Biol. Chem. 284 (36), 24526-24541 (2009) Samways,D.S., et.al., Cell Calcium 45 (4), 319-325 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	21536349
NCBI GeneID	41
NCBI Accession #	NP_001086.2; NP_001243759.1; NP_064423.2
NCBI GenBank Nucleotide #	NM_001095.3

UniProt Accession #	P78348; P78349; Q96CV2; A3KN86; E5KBL7
Molecular Weight	59909
NCBI Official Full Name	acid-sensing ion channel 1 isoform b
NCBI Official Synonym Full Names	acid sensing (proton gated) ion channel 1
NCBI Official Symbol	ASIC1
NCBI Official Synonym Symbols	ASIC; ACCN2; BNaC2
NCBI Protein Information	acid-sensing ion channel 1
UniProt Protein Name	Acid-sensing ion channel 1
UniProt Gene Name	ASIC1
UniProt Synonym Gene Names	ACCN2; BNAC2; ASIC1; BNaC2
UniProt Entry Name	ASIC1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/accn2-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/287160>