

Rabbit ASIC3 Polyclonal Antibody | anti-ASIC3 antibody

Anti-ASIC3 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45435	Rabbit	Human, Mouse, Rat	Flow Cytometry, Functional Assay, Western Blot

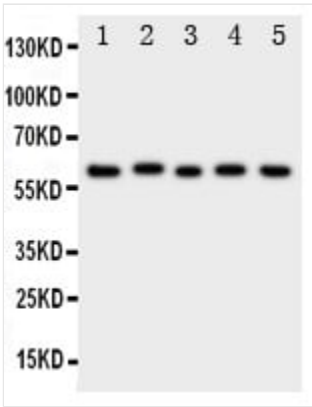
PRODUCT SYNONYMS

ASIC3; Polyclonal Antibody; Anti-ASIC3 antibody; Acid-sensing ion channel 3; acid-sensing(proton-gated) ion channel 3; 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; anti-ASIC3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross-reactivity with other proteins
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized ; Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Sequence Length	531
Applicable Applications for anti-ASIC3 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human ASIC3, different from the related rat and mouse sequences by two amino acids.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Recommended Detection Systems	We recommend Enhanced Chemiluminescent Kit with anti-Rabbit IgG (please inquire) for Western blot.
Preparation and Storage	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.

IMAGES



WB (Western Blot)
Anti-ASIC3 antibody, AAA45435, Western blottingLane 1: Rat Brain Tissue LysateLane 2:
Rat Testis Tissue LysateLane 3: U87 Cell LysateLane 4: NEURO Cell LysateLane 5: SMMC
Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-ASIC3 antibody	Background: ASIC3(Acid-Sensing Ion Channel3), also known as TESTIS SODIUM CHANNEL 1(TNAC1) or DORSAL ROOT ACID-SENSING ION CHANNEL(DRASIC), is a protein that in humans is encoded by the ASIC3 gene. ASIC3 belongs to a family of acid-sensing channel proteins that are structurally related to epithelial sodium channel proteins and support acid-activated membrane currents. By radiation hybrid analysis, de Weille et al.(1998) mapped the ACCN3 gene to chromosome 7q35. De Weille et al.(1998) found that human ASIC3 supported an H(+)-gated cation current in COS cells with kinetics similar to those of rat Asic3. Babinski et al.(1999) expressed homomeric human ASIC3 channels in Xenopus oocytes and found that rapid reduction in extracellular pH resulted in a biphasic response characterized by a fast and rapidly desensitizing current followed by a slow and sustained current that returned to baseline only on return to physiologic pH.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	82582992
NCBI GeneID	9311
UniProt Accession #	Q9UHC3; O60263; O75906; Q59FN9; Q9UER8; Q9UHC4; B2R9V0
NCBI Official Full Name	Acid-sensing ion channel 3
NCBI Official Synonym Full Names	acid-sensing (proton-gated) ion channel 3
NCBI Official Symbol	ASIC3
NCBI Official Synonym Symbols	ACCN3; TNAC1; DRASIC; SLNAC1
NCBI Protein Information	acid-sensing ion channel 3; testis sodium channel 1; modulatory subunit of ASIC2a; proton-gated cation channel subunit; amiloride-sensitive cation channel 3, testis; neuronal amiloride-sensitive cation 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.