

Rabbit ACCN3 Polyclonal Antibody | anti-ASIC3 antibody

ACCN3 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197929	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot, Immunohistochemistry

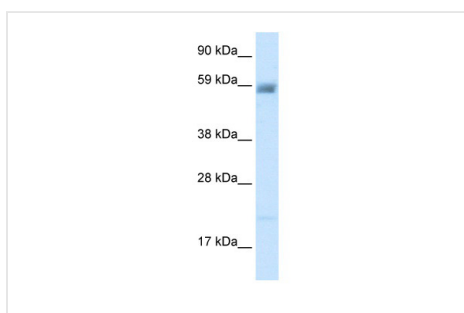
PRODUCT SYNONYMS

ACCN3; Polyclonal Antibody; ACCN3 antibody - N-terminal region; anti-ASIC3 antibody

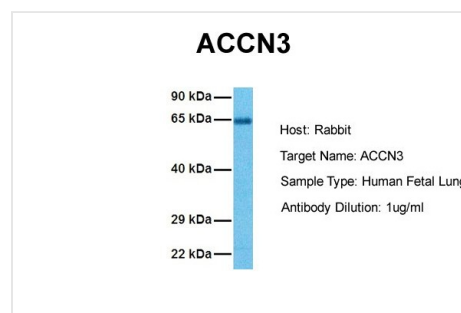
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: VAFLYQVAERV RYYREFHHQT ALDERESHRL IFPAVTLNINPLRRSRL
Sequence Length	531
Applicable Applications for anti-ASIC3 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 80%; Dog: 80%; Guinea Pig: 80%; Horse: 80%; Human: 100%; Mouse: 87%; Pig: 87%; Rabbit: 87%; Rat: 87%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human ACCN3
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

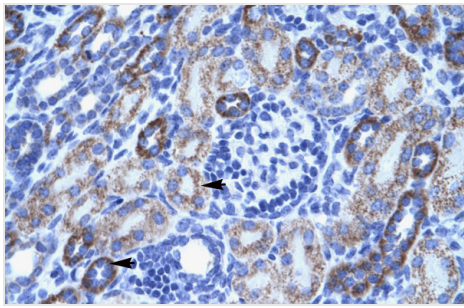


WB (Western Blot)

WB Suggested Anti-ACCN3 Antibody Titration: 2.5ug/ml
ELISA Titer: 1:62500
Positive Control: Human Kidney


WB (Western Blot)

Host: Rabbit
Target Name: ACCN3
Sample Tissue: Human Fetal Lung
Antibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)
Human kidney

ADDITIONAL INFORMATION

Related Product Information for anti-ASIC3 antibody	This is a rabbit polyclonal antibody against ACCN3. It was validated on Western Blot and immunohistochemistry Target Description: ACCN3 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, two hydrophobic transmembrane regions, and a large extracellular loop, which has many cysteine residues with conserved spacing. ACCN3 encodes a member that is an acid sensor and may play an important role in the detection of lasting pH changes. In addition, a heteromeric association between this member and ACCN1 has been observed as proton-gated channels sensitive to gadolinium.
Product Categories/Family for anti-ASIC3 antibody	Polyclonal; Various; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757710
NCBI GeneID	9311
NCBI Accession #	NP_004760
NCBI GenBank Nucleotide #	NM_004769
UniProt Accession #	Q9UHC3
Molecular Weight	58kDa
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.