



Datasheet for ABIN2776167
anti-ASIC3 antibody (N-Term)



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3 Images

Overview

Quantity:	100 µL
Target:	ASIC3 (ACCN3)
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Rabbit, Cow, Dog, Guinea Pig, Horse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ASIC3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human ACCN3
Sequence:	VATFLYQVAE RVRYYREFHH QTALDERESH RLIFPAVTLC NINPLRRSRL
Predicted Reactivity:	Cow: 80%, Dog: 80%, Guinea Pig: 80%, Horse: 80%, Human: 100%, Mouse: 87%, Pig: 87%, Rabbit: 87%, Rat: 87%
Characteristics:	This is a rabbit polyclonal antibody against ACCN3. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	ASIC3 (ACCN3)
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Target Details

Alternative Name: ACCN3 ([ACCN3 Products](#))

Background: 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.

Alias Symbols: ACCN3, TNaC1, DRASIC, SLNAC1

Protein Interaction Partner: ASIC3, LIN7B, GOPC, INADL, DLG4, MAGI1, ASIC2, STOM, CSNK2A1, PRKACA, STOML1,

Protein Size: 531

Molecular Weight: 58 kDa

Gene ID: 9311

NCBI Accession: [NM_004769](#), [NP_004760](#)

UniProt: [Q9UHC3](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 531 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

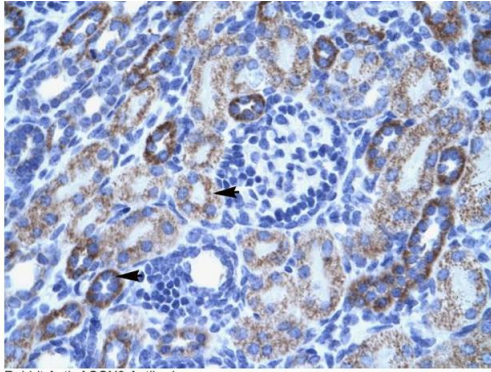
Handling Advice: Avoid repeated freeze-thaw cycles.

Handling

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

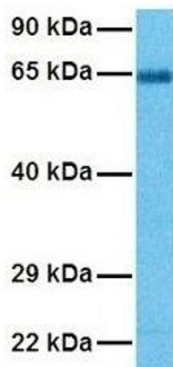
Images



Rabbit Anti-ACCN3 Antibody
Catalog Number: ARP35152
Lot Number: QC4496
Paraffin Embedded Tissue: Human Kidney
Cells with Positive label: Epithelial cells of renal tubule (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X



ACCN3



Immunohistochemistry

Image 1. Human kidney

Western Blotting

Image 2. WB Suggested Anti-ACCN3 Antibody Titration:
2.5ug/ml ELISA Titer: 1:62500 Positive Control: Human
Kidney

Western Blotting

Image 3. Host: Rabbit Target Name: ACCN3 Sample Tissue:
Human Fetal Lung Antibody Dilution: 1.0ug/ml