

## Product datasheet for **TA338543**

### ASIC3 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-ACCN3 antibody: synthetic peptide directed towards the N terminal of human ACCN3. Synthetic peptide located within the following region: VATFLYQVAERVRYREFHHQTALDERESHRLIFPAVTLNINPLRRSRL
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	58 kDa
Gene Name:	acid sensing ion channel subunit 3
Database Link:	<a href="#">NP_004760</a> <a href="#">Entrez Gene 9311 Human</a> <a href="#">Q9UHC3</a>



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**Background:**

This gene 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. The member encoded by this gene 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 acid-sensing (proton-gated) ion channel 2 has been observed as proton-gated channels sensitive to gadolinium. Alternatively spliced transcript variants have been described. [provided by RefSeq, Feb 2012]

**Synonyms:**

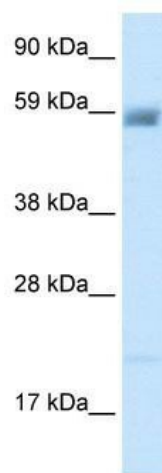
ACCN3; DRASIC; SLNAC1; TNaC1

**Note:**

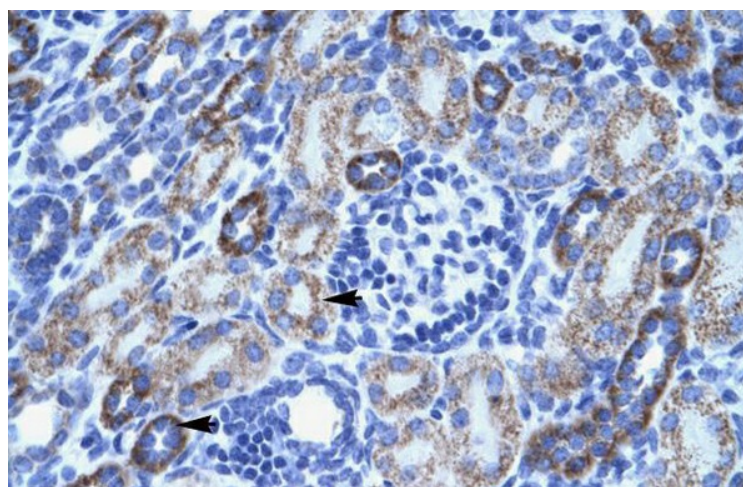
Immunogen Sequence Homology: Human: 100%; Pig: 87%; Rat: 87%; Mouse: 87%; Rabbit: 87%; Dog: 80%; Horse: 80%; Bovine: 80%; Guinea pig: 80%

**Protein Families:**

Druggable Genome, Ion Channels: Other

**Product images:**

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



Human kidney