

## Product datasheet for **TA355728**

### ACCN2 (ASIC1) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of human ASIC1
Specificity:	<b>Expected reactivity:</b> Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish <b>Homology:</b> Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%
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:	Affinity Purified
Conjugation:	Unconjugated
Storage:	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.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	28kDa
Gene Name:	acid sensing ion channel subunit 1
Database Link:	<a href="#">NP_001086.2</a> <a href="#">Entrez Gene 41 Human</a> <a href="#">P78348</a>



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**Background:**

This gene encodes a member of the acid-sensing ion channel (ASIC) family of proteins, which are part of the degenerin/epithelial sodium channel (DEG/ENaC) superfamily. Members of the ASIC family are sensitive to amiloride and function in neurotransmission. The encoded proteins function in learning, pain transduction, touch sensation, and development of memory and fear. Alternatively spliced transcript variants have been described.

**Synonyms:**

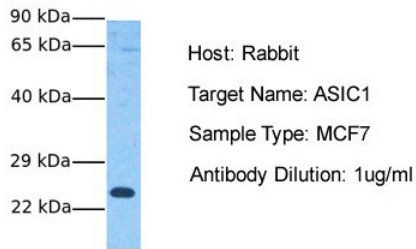
Accn2; AI843610; ASIC; ASIC1a; B530003N02Rik; BNaC2

**Protein Families:**

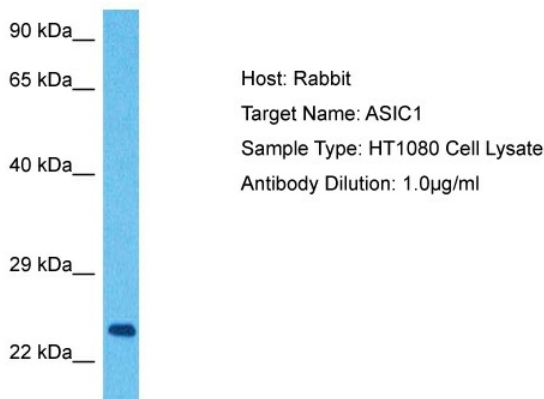
Druggable Genome, Ion Channels: Other

**Product images:**

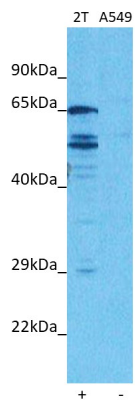
## ASIC1



Host: Rabbit  
 Target Name: ASIC1  
 Sample Tissue: Human MCF7  
 Antibody Dilution: 1.0ug/ml



Host: Rabbit  
 Target Name: ASIC1  
 Sample Tissue: Human HT1080 Whole Cell  
 Antibody Dilution: 1ug/ml



Host: Rabbit  
 Target name: ASIC1  
 Positive control: ~25ug 293T Cell Lysate (2T)  
 Negative control: ~25ug A549 Cell Lysate (A549)  
 Antibody concentration: 1ug/ml

Host: Rabbit  
 Target: ASIC1  
 Positive control (+): 293T (2T)  
 Negative control (-): A549 (N03)  
 Antibody concentration: 1ug/ml