

## Product datasheet for **TA338381**

### Nav1.5 (SCN5A) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-SCN5A antibody is: synthetic peptide directed towards the C-terminal region of Human SCN5A. Synthetic peptide located within the following region: VMSENF SRPLGPPSSSSISSTSFPPSYDSVTRATSDNLQVRGSDYSHSED
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>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	227 kDa
Gene Name:	sodium voltage-gated channel alpha subunit 5
Database Link:	<a href="#">NP_000326</a> <a href="#">Entrez Gene 6331 Human Q14524</a>
Background:	The protein encoded by this gene is an integral membrane protein and tetrodotoxin-resistant voltage-gated sodium channel subunit. This protein is found primarily in cardiac muscle and is responsible for the initial upstroke of the action potential in an electrocardiogram. Defects in this gene are a cause of long QT syndrome type 3 (LQT3), an autosomal dominant cardiac disease. Alternative splicing results in several transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]



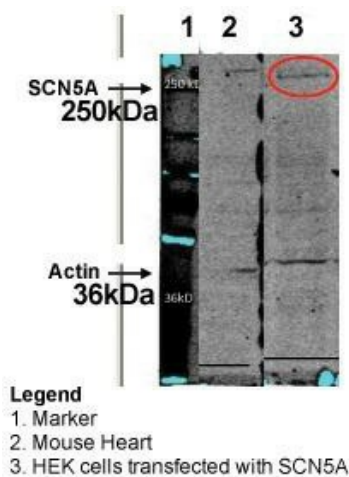
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**Synonyms:** CDCD2; CMD1E; CMPD2; HB1; HB2; HBBD; HH1; ICCD; IVF; LQT3; Nav1.5; PFHB1; SSS1; VF1

**Note:** Immunogen Sequence Homology: Human: 100%; Pig: 93%; Rat: 93%; Guinea pig: 93%; Dog: 86%; Horse: 86%; Mouse: 86%; Bovine: 86%

**Protein Families:** Druggable Genome, Ion Channels: Sodium, Transmembrane

**Product images:**



WB Suggested Anti-SCN5A Antibody Titration:  
 HEK cel lysate; HEK cel with HuNav1.5 transfected lysate; Mouse Heart lysate 80 ug protein on gelQC Antibodies 1:100 in PBS/Tweensecondary antibodie 1:10.000 ( IRDYE 800 CWGoat anti Rabbit IgG) analyse with the