

## Datasheet for ABIN927523 **anti-KCNS1 antibody (N-Term)**



[Go to Product page](#)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	KCNS1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNS1 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	KCNS1 antibody was raised in rabbit using the N terminal of KCNS1 as the immunogen
Purification:	Purified

#### Target Details

Target:	KCNS1
Alternative Name:	KCNS1 ( <a href="#">KCNS1 Products</a> )
Background:	Voltage-gated potassium channels form the largest and most diversified class of ion channels and are present in both excitable and nonexcitable cells. Their main functions are associated with the regulation of the resting membrane potential and the control of the shape and frequency of action potentials. The alpha subunits are of 2 types: those that are functional by themselves and those that are electrically silent but capable of modulating the activity of

## Target Details

---

specific functional alpha subunits. KCNS1 is not functional by itself but can form heteromultimers with member 1 and with member 2 (and possibly other members) of the Shab-related subfamily of potassium voltage-gated channel proteins. Synonyms: Polyclonal KCNS1 antibody, Anti-KCNS1 antibody, potassium voltage-gated channel, delayed-rectifier, subfamily S, member 1 antibody, KV9.1 antibody.

## Application Details

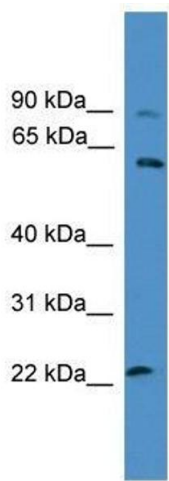
---

Application Notes:	WB: 0.2-1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	KCNS1 Blocking Peptide, catalog no. 33R-4816, is also available for use as a blocking control in assays to test for specificity of this KCNS1 antibody
Restrictions:	For Research Use only

## Handling

---

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.



### Western Blotting

**Image 1.** KCNS1 antibody used at 0.2-1 ug/ml to detect target protein.