

# Anti-Kv9.2 Antibody

Rabbit polyclonal antibody to Kv9.2 Catalog # AP60019

#### **Product Information**

Application WB
Primary Accession Q9ULS6
Other Accession Q35174

Reactivity Human, Mouse, Rat

Host Rabbit
Clonality Polyclonal
Calculated MW 54237

#### **Additional Information**

Gene ID 3788

Other Names KIAA1144; Potassium voltage-gated channel subfamily S member 2;

Delayed-rectifier K(+) channel alpha subunit 2; Voltage-gated potassium

channel subunit Kv9.2

Target/Specificity KLH-conjugated synthetic peptide encompassing a sequence within the center

region of human Kv9.2. The exact sequence is proprietary.

**Dilution** WB~~WB (1/500 - 1/1000)

**Format** Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30%

glycerol, and 0.09% (W/V) sodium azide.

Storage Store at -20 °C.Stable for 12 months from date of receipt

#### **Protein Information**

Name KCNS2 (<u>HGNC:6301</u>)

Synonyms KIAA1144

**Function** Potassium channel regulatory subunit that modulate the delayed rectifier

voltage-gated potassium channel activity of KCNB1 and KCNB2 by altering their kinetics, expression levels, and shifting the half-inactivation potential to more polarized values. While it does not form functional channels on its own, it can form functional heterotetrameric channels with KCNB1 and KCNB2. Each regulatory subunit has unique regulatory properties that can lead to extensive inhibition, significant changes in kinetics, and/or substantial shifts

in the voltage dependencies of the inactivation process.

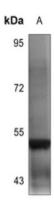
Cell membrane {ECO:0000250 | UniProtKB:O35174}; Multi-pass membrane

protein {ECO:0000250 | UniProtKB:O35174}. Note=May not reach the plasma membrane but remain in an intracellular compartment in the absence of KCNB1 or KCNB2 {ECO:0000250 | UniProtKB:O35174}

## **Background**

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Kv9.2. The exact sequence is proprietary.

### **Images**



Western blot analysis of Kv9.2 expression in A2780 (A) whole cell lysates.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.