

**Anti-Kv9.2 Antibody**  
**Rabbit polyclonal antibody to Kv9.2**  
**Catalog # AP60019****Specification**

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**Anti-Kv9.2 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">O9ULS6</a>
Other Accession	<a href="#">O35174</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	54237

**Anti-Kv9.2 Antibody - 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**

Recognizes endogenous levels of Kv9.2 protein.

**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

**Anti-Kv9.2 Antibody - Protein Information****Name** KCNS2 ([HGNC:6301](#))**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.

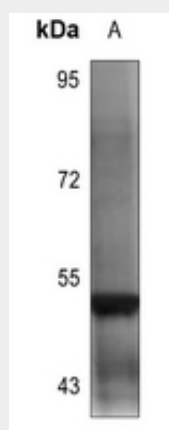
**Cellular Location**

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}

**Anti-Kv9.2 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-Kv9.2 Antibody - Images**

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

**Anti-Kv9.2 Antibody - Background**

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