

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

Specification

Anti-Kv9.2 Antibody - Product Information

Application	WB
Primary Accession	Q9ULS6
Other Accession	O35174
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

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

Anti-Kv9.2 Antibody - Protein Information

Name KCNS2 ([HGNC:6301](#))

Synonyms KIAA1144

Function

Potassium channel regulatory subunit that modulates 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

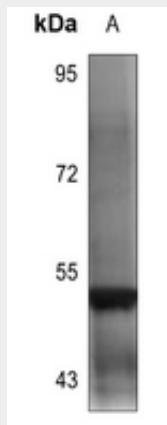
Cell membrane {ECO:0000250|UniProtKB:O35174}; Multi-pass membrane protein {ECO:0000250|UniProtKB:O35174}. Note=May not reach the plasma membrane but remain in an intracellular compartment in the absence of KCNB1 or KCNB2 {ECO:0000250|UniProtKB:O35174}

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

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