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KCNS2 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP13489a

Specification

KCNS2 Antibody (N-term) Blocking peptide - Product Information

Primary Accession Q9ULS6

KCNS2 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 3788

Other Names
Potassium voltage-gated channel subfamily S member 2, Delayed-rectifier K(+) channel alpha subunit 2, Voltage-gated potassium channel subunit Kv92, KCNS2, KIAA1144

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP13489a was selected from the N-term region of KCNS2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

KCNS2 Antibody (N-term) Blocking peptide - Protein Information

Name KCNS2

Synonyms KIAA1144

Function
Potassium channel subunit that does not form functional channels by itself. Can form functional heterotetrameric channels with KCNB1 and KCNB2; modulates the delayed rectifier voltage-gated potassium channel activation and deactivation rates of KCNB1 and KCNB2.

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}

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KCNS2 Antibody (N-term) Blocking peptide - Protocols

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

- Blocking Peptides

KCNS2 Antibody (N-term) Blocking peptide - Images

KCNS2 Antibody (N-term) Blocking peptide - Background

KCNS2 is potassium channel subunit. It modulates channel activity and reduces the ion flow (By similarity).

KCNS2 Antibody (N-term) Blocking peptide - References

Gutman, G.A., et al. Pharmacol. Rev. 57(4):473-508(2005)Salinas, M., et al. J. Biol. Chem. 272(39):24371-24379(1997)Banfi, S., et al. Nat. Genet. 13(2):167-174(1996)