

KCNS2 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13489a**Specification**

KCNS2 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O9ULS6
Other Accession	O9ER26 , O35174 , NP_065748.1
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	54237
Antigen Region	111-140

KCNS2 Antibody (N-term) - 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

This KCNS2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 111-140 amino acids from the N-terminal region of human KCNS2.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

KCNS2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

KCNS2 Antibody (N-term) - 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.

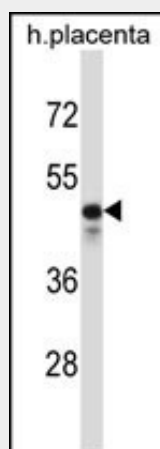
Cellular Location

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}

KCNS2 Antibody (N-term) - 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](#)

KCNS2 Antibody (N-term) - Images

KCNS2 Antibody (N-term) (Cat. #AP13489a) western blot analysis in human placenta tissue lysates (35ug/lane). This demonstrates the KCNS2 antibody detected the KCNS2 protein (arrow).

KCNS2 Antibody (N-term) - Background

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

KCNS2 Antibody (N-term) - 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)