

KCNK4 Rabbit Polyclonal Antibody



CAB12217

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

58kDa

Calculated MW:

42kDa/45kDa

Applications:

WB

Reactivity:

Human

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

This gene encodes a member of the TWIK-related arachidonic acid-stimulated two pore potassium channel subfamily. The encoded protein homodimerizes and functions as an outwardly rectifying channel. This channel is regulated by polyunsaturated fatty acids, temperature and mechanical deformation of the lipid membrane. This protein is expressed primarily in neural tissues and may be involved in regulating the noxious input threshold in dorsal root ganglia neurons. Alternate splicing results in multiple transcript variants. Naturally occurring read-through transcripts also exist between this gene and the downstream testis expressed 40 (TEX40) gene, as represented in GenelD: 106780802.

Immunogen information

Gene ID:

50801

Uniprot

Q9NYG8

Synonyms:

KCNK4; K2p4.1; TRAAK; TRAAK1

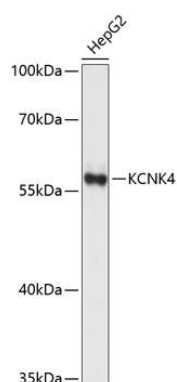
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 25-90 of human KCNK4 (NP_201567.1).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of HepG2 cells, using KCNK4 antibody (CAB12217) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.