

Summary

Production Name	TRAAK Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	KCNK4 KCNK4; TRAAK; Potassium channel subfamily K member 4; TWIK-related arachidonic acid-stimulated potassium channel protein; TRAAK; Two pore potassium channel KT4.1;
Alternative Names	Two pore K(+) channel KT4.1
Gene ID	50801.0
SwissProt ID	Q9NYG8.The antiserum was produced against synthesized peptide derived from human KCNK4. AA range:332-381

Application

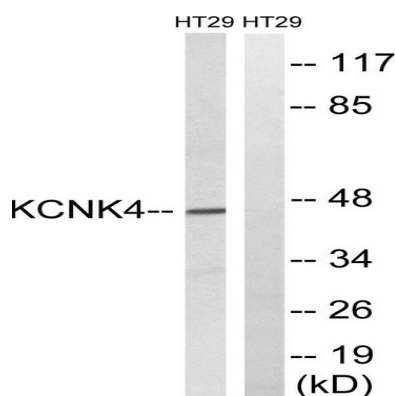
Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications.
Molecular Weight	45kD

Background

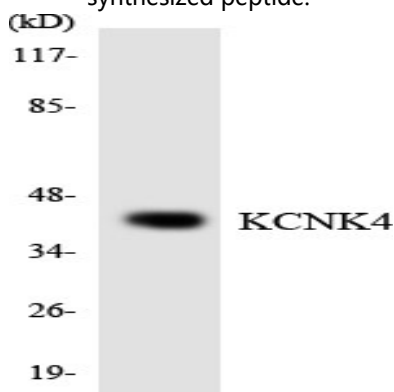
This gene encodes a member of the TWIK-related arachidonic acid-stimulated two pore potassium channel subfamily. The encoded protein homodimerizes and functions as an outwardly rectifying channel. This channel is regulated by polyunsaturated fatty acids, temperature and mechanical deformation of the 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 GeneID: 106780802. [provided by RefSeq, Nov 2015],function:Voltage insensitive, instantaneous, outwardly rectifying potassium channel. Outward rectification is reversed at high external K(+) concentrations.,similarity:Belongs to the two pore domain potassium channel (TC 1.A.1.8) family.,subunit:Homodimer .,

Research Area

Image Data



Western blot analysis of lysates from HT-29 cells, using KCNK4 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HUVEC cells using KCNK4 antibody.

Product Name: TRAAK Rabbit Polyclonal Antibody
Catalog #: APRab19176



Western Blot analysis of various cells using TRAAK Polyclonal Antibody. Secondary antibody was diluted at 1:20000

Note

For research use only.