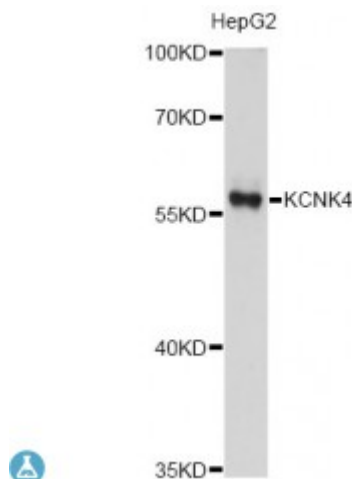


Anti-KCNK4 Antibody



Description

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.

Model	STJ114108
Host	Rabbit
Reactivity	Human
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 25-90 of human KCNK4 (NP_201567.1).
Gene ID	50801
Gene Symbol	KCNK4
Dilution range	WB 1:500 - 1:2000
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Potassium channel subfamily K member 4 TWIK-related arachidonic acid-stimulated potassium channel protein TRAAK Two pore potassium channel

	KT4.1 Two pore K(+ channel KT4.1
Molecular Weight	42.704 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:6279OMIM:605720Reactome:R-HSA-1299503
Alternative Names	Potassium channel subfamily K member 4 TWIK-related arachidonic acid-stimulated potassium channel protein TRAAK Two pore potassium channel KT4.1 Two pore K(+ channel KT4.1
Function	Voltage-insensitive potassium channel ,
Cellular Localization	Cell membrane
Post-translational Modifications	N-glycosylated,

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