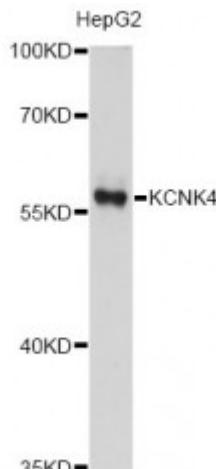


## Anti-KCNK4 Antibody



### 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.

<b>Model</b>	STJ114108
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Applications</b>	WB
<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 25-90 of human KCNK4 (NP_201567.1).
<b>Gene ID</b>	<a href="#">50801</a>
<b>Gene Symbol</b>	<a href="#">KCNK4</a>
<b>Dilution range</b>	WB 1:500 - 1:2000
<b>Purification</b>	Affinity purification
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	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
<b>Molecular Weight</b>	42.704 kDa
<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
<b>Storage Instruction</b>	Store at -20C. Avoid freeze / thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:6279</a> <a href="#">OMIM:605720</a> <a href="#">Reactome:R-HSA-1299503</a>
<b>Alternative Names</b>	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
<b>Function</b>	Voltage-insensitive potassium channel ,
<b>Cellular Localization</b>	Cell membrane
<b>Post-translational Modifications</b>	N-glycosylated,

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