ELK Biotechnology

KCNK4 (TRAAK) rabbit pAb

Cat No.:ES20697

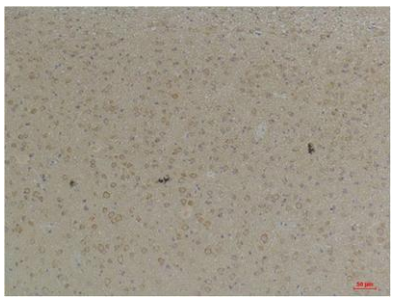
For research use only

Overview

Product Name	KCNK4 (TRAAK) rabbit pAb
Host species	Rabbit
Applications	IHC;IF
Species Cross-Reactivity	Human;Rat;Mouse
Recommended dilutions	IHC 1:100-200
Immunogen	Synthetic Peptide of KCNK4 (TRAAK) AA range: 38-88
Specificity	KCNK4(TRAAK) protein(A238) detects endogenous levels of KCNK4(TRAAK)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
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)
Gene Name	KCNK4
Cellular localization	Cell membrane ; Multi-pass membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	43kD
Human Gene ID	50801
Human Swiss-Prot Number	Q9NYG8
Alternative Names	KCNK4; TRAAK; 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
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],

Immunohistochemical analysis of paraffin-embedded Rat BrainTissue using KCNK4 (TRAAK) Rabbit pAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Mouse BrainTissue using KCNK4 (TRAAK) Rabbit pAb diluted at 1:200.