ELK Biotechnology

KCNK9 (TASK-3) rabbit pAb

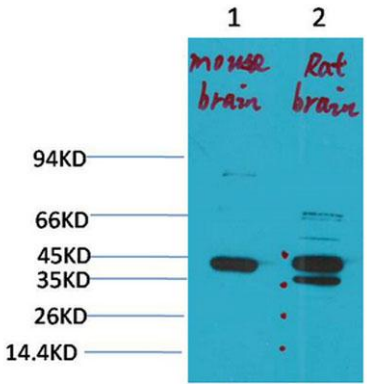
Cat No.:ES20696

For research use only

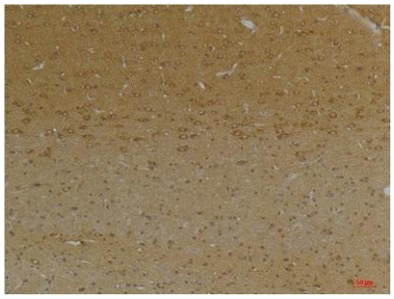
Overview

Product Name	KCNK9 (TASK-3) rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF
Species Cross-Reactivity	Human;Rat;Mouse
Recommended dilutions	WB 1:1000-2000, IHC 1:100-200
Immunogen	Synthetic Peptide of KCNK9 (TASK-3) AA range: 220-270
Specificity	KCNK9(TASK-3) protein(A239) detects endogenous levels of KCNK9(TASK-3)
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 9 (Acid-sensitive potassium channel protein TASK-3) (TWIK-related acid-sensitive K(+) channel 3) (Two pore potassium channel KT3.2) (Two pore K(+) channel KT3.2)
Gene Name	KCNK9
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	42kD
Human Gene ID	51305
Human Swiss-Prot Number	Q9NPC2
Alternative Names	Potassium channel subfamily K member 9 (Acid-sensitive potassium channel protein TASK-3;TWIK-related acid-sensitive K(+) channel 3;Two pore potassium channel KT3.2;Two pore K(+) channel KT3.2)
Background	This gene encodes a protein that contains multiple

transmembrane regions and two pore-forming P domains and functions as a pH-dependent potassium channel. Amplification and overexpression of this gene have been observed in several types of human carcinomas. This gene is imprinted in the brain, with preferential expression from the maternal allele. A mutation in this gene was associated with Birk-Barel mental retardation dysmorphism syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013],



Western blot analysis of 1) Mouse BrainTissue, 2)Rat Brain Tissue with KCNK9 Rabbit pAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Rat BrainTissue using KCNK9 (TASK-3) Rabbit pAb diluted at 1:200.

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