

KCNK10 (TREK-2) rabbit pAb

Cat No.:ES20698

For research use only

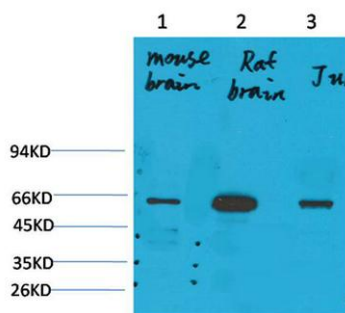
Overview

Product Name	KCNK10 (TREK-2) 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 KCNK10 (TREK-2) AA range: 16-66
Specificity	KCNK10(TREK-2) protein(A237) detects endogenous levels of KCNK10(TREK-2)
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 10 (Outward rectifying potassium channel protein TREK-2) (TREK-2 K(+)) channel subunit)
Gene Name	KCNK10
Cellular localization	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	59kD
Human Gene ID	54207
Human Swiss-Prot Number	P57789
Alternative Names	Potassium channel subfamily K member 10 (Outward rectifying potassium channel protein TREK-2;TREK-2 K(+)) channel subunit)
Background	potassium two pore domain channel subfamily K member 10(KCNK10) Homo sapiens The protein encoded by this gene belongs to the family of potassium channel proteins containing two pore-forming P domains. This channel is an open



rectifier which primarily passes outward current under physiological K⁺ concentrations, and is stimulated strongly by arachidonic acid and to a lesser degree by membrane stretching, intracellular acidification, and general anaesthetics. Several alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Sep 2008],

Western blot analysis of 1) Mouse BrainTissue, 2) Rat Brain Tissue, 3) Jurkat with KCNK10(TREK-2) Rabbit pAb diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Rat BrainTissue using KCNK10 (TREK-2) Rabbit pAb diluted at 1:200.

