

Datasheet

KCNK2 polyclonal antibody (DyLight 649)

Catalog Number: PAB15123

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of KCNK2.

Immunogen: A synthetic peptide corresponding to amino acids 1-100 of human KCNK2.

Host: Rabbit

Reactivity: Human

Applications: WB

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: 88% sequence identity with rat protein. TREK 1 Please note that it is essential to run against membrane preps. NOT recommended for immunohistochemistry.

Form: Liquid

Conjugation: DyLight 649

Recommend Usage: Western Blot (2 ug/ mL)

The optimal working dilution should be determined by the end user.

Storage Buffer: In 50 mM sodium borate

Storage Instruction: Store at 4°C. Do not freeze.

Entrez GeneID: 3776

Gene Symbol: KCNK2

Gene Alias: K2p2.1, MGC126742, MGC126744, TPKC1, TREK, TREK-1, TREK1, hTREK-1c, hTREK-1e

Gene Summary: This gene encodes one of the

members of the two-pore-domain background potassium channel protein family. This type of potassium channel is formed by two homodimers that create a channel that leaks potassium out of the cell to control resting membrane potential. The channel can be opened, however, by certain anesthetics, membrane stretching, intracellular acidosis, and heat. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]