

Anti-KCNK9 Polyclonal Antibody

Product Details

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| Ig Type: | IgG |
| Reactivity: | Mouse,Rat (predicted:Human,Chicken,Pig,Cow,Horse,Rabbit,Sheep) |
| Molecular Weight: | Theoretical: 40 kDa. Actual: 48 kDa. |
| Purification: | Protein A purified |

Applications

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| Verified Activity: | 1. Sample: Cerebrum (Mouse) Lysate at 40 µg Cerebrum (Rat) Lysate at 40 µg Primary: Anti-KCNK9 (TMAB-07942) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 40 kD Observed band size: 48 kD |
| | 2. Sample: Adrenal gland (Mouse) Lysate at 40 µg Primary: Anti-KCNK9 (TMAB-07942) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 40 kD Observed band size: 48 kD |
| Application: | WB |
| Recommended | WB: 1:500-2000 |

Properties

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| Stability & Storage: | Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. |
| Shipping: | Shipping with blue ice. |

Antigen Details

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| Immunogen: | KLH conjugated synthetic peptide: human KCNK9 |
| Antigen Species: | Human |
| Gene ID: | 51305 |
| Uniprot ID: | Q9NPC2 |

Research Background

KCNK9 or TASK-3 (TWIK-related Acid sensitive K⁺ channel) is a member of the potassium channel family of proteins that contain two-pore domain and four transmembrane domains. These channels are characterized as leak K⁺ channels that are sensitive to changes in the extracellular pH. The physiological functions of TASK channels are largely unknown; it has been proposed that they may be involved in the regulation of breathing, aldosterone secretion and anesthetic-mediated neuronal activity. They were found to act in neurons' membrane potential and in resting K⁺ currents.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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