

## KCNK10 (TREK-2) Polyclonal Antibody

### Description

|                                |   |
|--------------------------------|---|
| <b>Product type</b>            | Primary Antibody  |
| <b>Code</b>                    | BT-AP10643  |
| <b>Host</b>                    | Rabbit  |
| <b>Isotype</b>                 | IgG   |
| <b>Size</b>                    | 20ul, 50ul, 100ul   |
| <b>Immunogen</b>               | Synthetic Peptide of KCNK10 (TREK-2)  |
| <b>Mol wt</b>                  | N/A   |
| <b>Species reactivity</b>      | Human, Rat, Mouse   |
| <b>Clonality</b>               | Polyclonal  |
| <b>Recommended application</b> | WB, IHC-p, IF   |
| <b>Concentration</b>           | 1 mg/ml   |
| <b>Full name</b>               | Potassium channel subfamily K member 10   |
| <b>Synonyms</b>                | Potassium channel subfamily K member 10 ;Outward rectifying potassium channel protein TREK-2;TREK-2 K <sub>+</sub> channel subunit; Potassium channel subfamily K member 10; Outward rectifying potassium channel protein TREK-2; TREK-2 K <sub>+</sub> channel subunit |

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

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<sup>+</sup> 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.

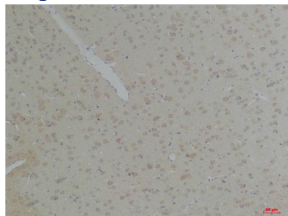
### Recommended Dilution

WB: 1: 1000 - 1: 2000

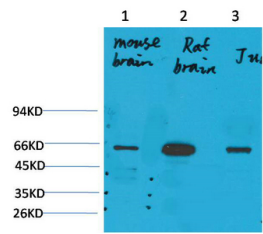
IHC: 1: 100 - 1: 200

Not yet tested in other applications.

### Images



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



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

### Storage

-20°C for 1 year

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