
Product Name: TWIK-1 Rabbit Polyclonal Antibody**Catalog #: APRab19444**

For research use only.

Summary

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|----------------------|---|
| Description | Rabbit polyclonal Antibody |
| Host | Rabbit |
| Application | WB,ELISA |
| Reactivity | Human,Rat |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Polyclonal |
| Form | Liquid |
| Concentration | 1mg/ml |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| Purification | Affinity purification |

Application

| | |
|-------------------------|---------------------------------------|
| Dilution Ratio | WB 1:500-1:2000,ELISA 1:20000-1:40000 |
| Molecular Weight | 38kDa |

Antigen Information

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|--------------------------|---|
| Gene Name | KCNK1 |
| Alternative Names | KCNK1; HOHO1; KCNO1; TWIK1; Potassium channel subfamily K member 1; Inward rectifying potassium channel protein TWIK-1; Potassium channel KCNO1 |
| Gene ID | 3775.0 |
| SwissProt ID | O00180 |
| Immunogen | The antiserum was produced against synthesized peptide derived from human KCNK1. AA range:287-336 |

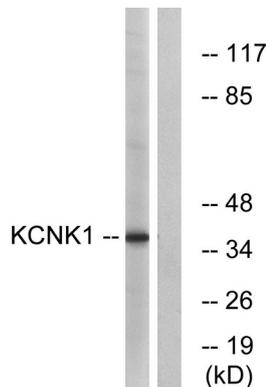
Background

This gene encodes one of the members of the superfamily of potassium channel proteins containing two pore-forming P domains. The product of this gene has not been shown to be a functional channel, however, it may require other non-pore-forming proteins for activity. [provided by RefSeq, Jul 2008],function:Weakly inward rectifying potassium channel.,miscellaneous:Inhibited by barium, quinine, quinidine and internal acidification. Activated by protein kinase C.,similarity:Belongs to the two pore domain potassium channel (TC 1.A.1.8) family.,subunit:Homodimer .,tissue specificity:Widely expressed with high levels in heart and brain and lower levels in placenta, lung, liver and kidney.,

Research Area

Neuroscience;; Neurotransmission Receptors / Channels; Potassium Channels; Signal Transduction; Metabolism; Plasma Membrane; Channels

Image Data



Western blot analysis of lysates from Jurkat cells, using KCNK1 Antibody. The lane on the right is blocked with the synthesized peptide.