

## **Product datasheet for TA338599**

## **KCNK10 Rabbit Polyclonal Antibody**

**Product data:** 

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Human

**Host:** Rabbit

**Isotype:** IgG

Clonality: Polyclonal

**Immunogen:** The immunogen for anti-KCNK10 antibody: synthetic peptide directed towards the C terminal

of human KCNK10. Synthetic peptide located within the following region:

QGASEDNIINKFGSTSRLTKRKNKDLKKTLPEDVQKIYKTFRNYSLDEEK

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Concentration:** lot specific

**Purification:** Protein A purified

**Conjugation:** Unconjugated

**Storage:** Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 59 kDa

**Gene Name:** potassium two pore domain channel subfamily K member 10

Database Link: NP 066984

Entrez Gene 54207 Human

P57789



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## KCNK10 Rabbit Polyclonal Antibody - TA338599

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+ 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]

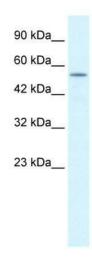
Synonyms: K2p10.1; PPP1R97; TREK-2; TREK2

Note: Immunogen Sequence Homology: Pig: 100%; Human: 100%; Rabbit: 100%; Guinea pig: 100%;

Dog: 93%; Rat: 93%; Horse: 93%; Mouse: 93%; Bovine: 85%

**Protein Families:** Druggable Genome, Ion Channels: Potassium, Transmembrane

## **Product images:**



WB Suggested Anti-KCNK10 Antibody Titration: 1.4 ug/ml; ELISA Titer: 1:312500; Positive Control:

Jurkat cell lysate