

Product datasheet for TA338723

KCNK4 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-KCNK4 antibody: synthetic peptide directed towards the N terminal

of human KCNK4. Synthetic peptide located within the following region: MRSTTLLALLALVLLYLVSGALVFRALEQPHEQQAQRELGEVREKFLRAH

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: 43 kDa

Gene Name: potassium two pore domain channel subfamily K member 4

Database Link: NP 201567

Entrez Gene 50801 Human

Q9NYG8



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Background: Potassium channels play a role in many cellular processes including maintenance of the

> action potential, muscle contraction, hormone secretion, osmotic regulation, and ion flow. This gene encodes one of the members of the superfamily of potassium channel proteins containing two pore-forming P domains. The encoded protein homodimerizes and functions

as an outwardly rectifying channel. It is expressed primarily in neural tissues and is

stimulated by membrane stretch and polyunsaturated fatty acids. [provided by RefSeq, Jul

2008]

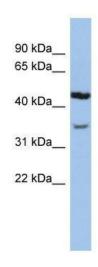
Synonyms: K2p4.1; TRAAK; TRAAK1

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Horse: 100%; Human: 100%; Bovine:

100%; Rat: 79%; Guinea pig: 79%

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

Product images:



WB Suggested Anti-KCNK4 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1:12500; Positive Control: Jurkat cell lysate