

Product datasheet for **TA338524**

KCNK3 Rabbit Polyclonal Antibody

Product data:

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| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | WB |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | The immunogen for anti-KCNK3 antibody: synthetic peptide directed towards the C terminal of human KCNK3. Synthetic peptide located within the following region: TCVEQSHSSPGGGGRYSDTPSRRLCSGAPRSAISSVSTGLHSLSTFRGL |
| Formulation: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i> |
| 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 3 |
| Database Link: | NP_002237 Entrez Gene 16527 Mouse Entrez Gene 3777 Human O14649 |



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Background: This gene encodes a member of the superfamily of potassium channel proteins that contain two pore-forming P domains. The encoded protein is an outwardly rectifying channel that is sensitive to changes in extracellular pH and is inhibited by extracellular acidification. Also referred to as an acid-sensitive potassium channel, it is activated by the anesthetics halothane and isoflurane. Although three transcripts are detected in northern blots, there is currently no sequence available to confirm transcript variants for this gene. [provided by RefSeq, Aug 2008]

Synonyms: K2p3.1; OAT1; PPH4; TASK; TASK-1; TBAK1

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Sheep: 100%; Bovine: 100%; Guinea pig: 100%; Rabbit: 86%

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

Product images:



WB Suggested Anti-KCNK3 Antibody Titration:
1.25 ug/ml; ELISA Titer: 1:1562500; Positive
Control: Jurkat cell lysate