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Product datasheet for TA338707

KCNK13 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-KCNK13 antibody: synthetic peptide directed towards the C terminal of human KCNK13. Synthetic peptide located within the following region: SMKDLLAANKASLAILQKQLSEMANGCPHQTSTLARDNEFSGGVGAFAIM
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:	45 kDa
Gene Name:	potassium two pore domain channel subfamily K member 13
Database Link:	NP_071337 Entrez Gene 56659 Human Q9HB14

View online »

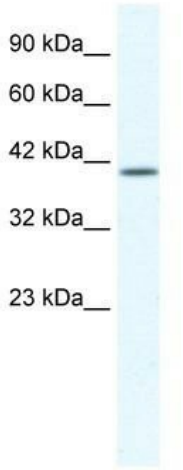
Background: Potassium channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. This gene encodes a potassium channel containing two pore-forming domains. This protein is an open channel that can be stimulated by arachidonic acid and inhibited by the anesthetic halothane. [provided by RefSeq, Jul 2013]

Synonyms: K2p13.1; THIK-1; THIK1

Note: Immunogen Sequence Homology: Human: 100%; Bovine: 93%; Dog: 86%; Horse: 79%

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

Product images:



WB Suggested Anti-KCNK13 Antibody Titration: 1.25 ug/ml; ELISA Titer: 1:312500; Positive Control: Jurkat cell lysate