

## Product datasheet for TA338706

### KCNK13 Rabbit Polyclonal Antibody

#### Product data:

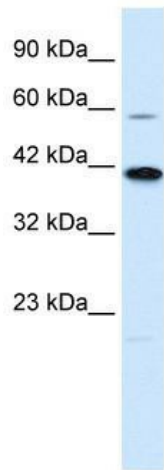
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC, IF
Reactivity:	Human, Dog
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-KCNK13 antibody: synthetic peptide directed towards the C terminal of human KCNK13. Synthetic peptide located within the following region: GEMISMKDLLAANKASLAILQQLSEMANGCPHQTSTLARDNEFSGGVGA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration:	lot specific
Purification:	Protein A purified
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:	<a href="#">NP_071337</a> Entrez Gene <a href="#">490829</a> Dog <a href="#">Entrez Gene 56659</a> Human
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

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**Note:** Immunogen Sequence Homology: Human: 100%; Pig: 79%; Rat: 79%; Horse: 79%

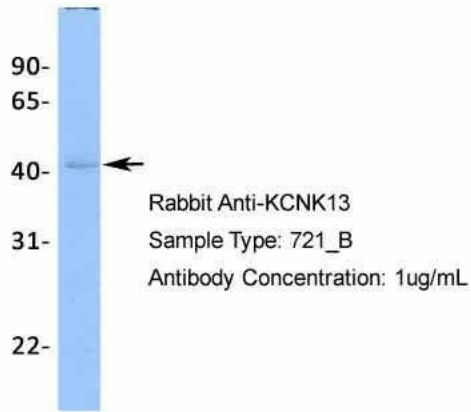
**Protein Families:** Druggable Genome, Ion Channels: Potassium, Transmembrane

### Product images:



WB Suggested Anti-KCNK13 Antibody Titration:  
0.12 ug/ml; ELISA Titer: 1:1562500; Positive  
Control: Jurkat cell lysate

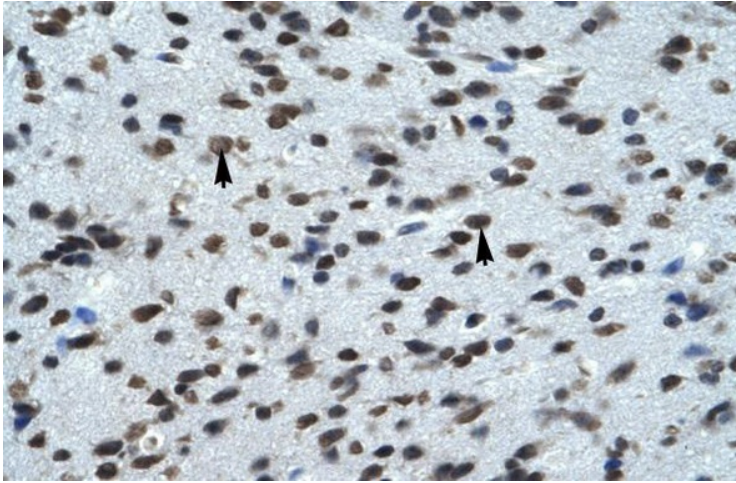
### KCNK13



Host: Rabbit; Target Name: KCNK13; Sample  
Tissue: 721\_B; Antibody Dilution: 1.0 ug/ml  
KCNK13 is supported by BioGPS gene expression  
data to be expressed in 721\_B

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Rabbit Anti-Q9HB14 Antibody; Paraffin Embedded Tissue: Human Brain; Cellular Data: Neural Cells; Antibody Concentration: 4.0-8.0 ug/ml; Magnification: 400X - See more at: <http://www.avivasysbio.com/anti-kcnk13-antibody-c-terminal-region-arp35347-p050.htm>

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