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Datasheet for ABIN2776250

## anti-KCNK13 antibody (C-Term)

4 Images

1 Publication

### Overview

Quantity:	100 µL
Target:	KCNK13
Binding Specificity:	C-Term
Reactivity:	Human, Rat, Horse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNK13 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human KCNK13
Sequence:	GEMISMKDLL AANKASLAIL QKQLSEMANG CPHQTSTLAR DNEFSGGVGA
Predicted Reactivity:	Horse: 79%, Human: 100%, Pig: 79%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against KCNK13. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

### Target Details

Target:	KCNK13
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## Target Details

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Alternative Name:	KCNK13 ( <a href="#">KCNK13 Products</a> )
Background:	<p>KCNK13 encodes one of the members of the superfamily of potassium channel proteins containing two pore-forming domains. The product of this gene is an open channel that can be stimulated by arachidonic acid.</p> <p>Alias Symbols: THIK1, THIK-1, K2p13.1</p> <p>Protein Size: 408</p>
Molecular Weight:	45 kDa
Gene ID:	56659
NCBI Accession:	<a href="#">NM_022054</a> , <a href="#">NP_071337</a>
UniProt:	<a href="#">Q9HB14</a>

## Application Details

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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 408 AA
Restrictions:	For Research Use only

## Handling

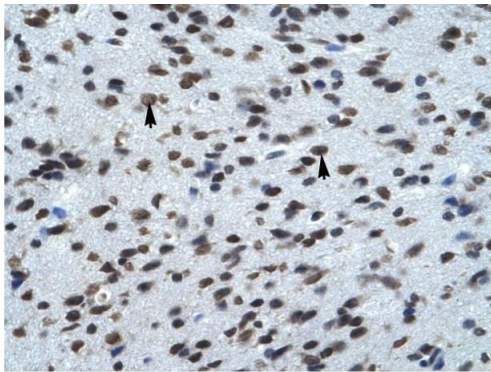
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Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Publications

Product cited in: Sakamaki, Ishii, Sakata, Takemoto, Takagi, Takeuchi, Morishita, Takahashi, Nozawa, Shinoda, Chiba, Sugimoto, Saito, Tamate, Satou, Jung, Matsuoka, Koyamada, Sawasaki, Nagai, Ueno: "Dysregulation of a potassium channel, THIK-1, targeted by caspase-8 accelerates cell shrinkage." in: **Biochimica et biophysica acta**, Vol. 1863, Issue 11, pp. 2766-2783, (2016) ([PubMed](#)).

## Images



Rabbit Anti-Q9HB14 Antibody  
Catalog Number: ARP35347  
Lot Number: QC4632  
Paraffin Embedded Tissue: Human Brain  
Cells with Positive label: Neural cells (Indicated with Arrows)  
Antibody Concentration: 4.0-8.0 µg/ml  
Magnification: 400X



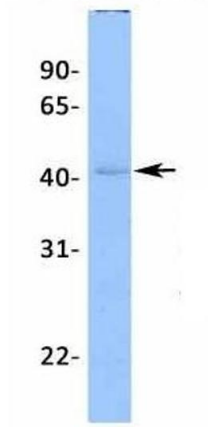
### Immunohistochemistry

**Image 1.** Rabbit Anti-Q9HB14 Antibody Paraffin Embedded Tissue: Human Brain Cellular Data: Neural Cells Antibody Concentration: 4.0-8.0 µg/ml Magnification: 400X - See more at: <http://www.avivasysbio.com/anti-kcnk13-antibody-c-terminal-region-arp35347-p050.html#sthash.wo6qTH90.dpuf>

### Western Blotting

**Image 2.** WB Suggested Anti-KCNK13 Antibody Titration: 0.12µg/ml ELISA Titer: 1:1562500 Positive Control: Jurkat cell lysate

## KCNK13



### Western Blotting

**Image 3.** Host: Rabbit Target Name: KCNK13 Sample Type: 721\_B Antibody Dilution: 1.0ug/ml KCNK13 is supported by BioGPS gene expression data to be expressed in 721\_B

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2776250.