

Datasheet for ABIN2776251
anti-KCNK13 antibody (C-Term)[Go to Product page](#)

1 Image

Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human KCNK13
Sequence:	SMKDLLAANK ASLAILQKQL SEMANGCPHQ TSTLARDNEF SGGVGAFAIM
Predicted Reactivity:	Cow: 93%, Dog: 86%, Horse: 79%, Human: 100%
Characteristics:	This is a rabbit polyclonal antibody against KCNK13. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	KCNK13
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Target Details

Alternative Name:	KCNK13 (KCNK13 Products)
Background:	<p>KCNK13 encodes one of the members of the superfamily of potassium channel proteins containing two pore-forming domains. The product of KCNK13 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:	NM_022054 , NP_071337
UniProt:	Q9HB14

Application Details

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

Handling

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.



Western Blotting

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