

Datasheet for ABIN2776141

anti-KCNK1 antibody (Middle Region)**1** Image[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	KCNK1
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Rabbit, Horse, Pig, Cow, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNK1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human KCNK1
Sequence:	EDQVHIIIEHD QLSFSSITDQ AAGMKEDQKQ NEPFVATQSS ACVDGPANH
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 86%, Pig: 100%, Rabbit: 100%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against KCNK1. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	KCNK1
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Target Details

Alternative Name:	KCNK1 (KCNK1 Products)
Background:	KCNK1 is one of the members of the superfamily of potassium channel proteins containing two pore-forming P domains. KCNK1 has not been shown to be a functional channel, however, it may require other non-pore-forming proteins for activity. This gene encodes one of the members of the superfamily of potassium channel proteins containing two pore-forming P domains. The product of this gene has not been shown to be a functional channel, however, it may require other non-pore-forming proteins for activity. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. Alias Symbols: DPK, HOHO, K2p1.1, TWIK-1, TWIK1, K2P1, KCNO1 Protein Interaction Partner: KRTAP10-3, TCIRG1, UBC, ELAVL1, UBE2I, SENP1, KCNK1, Protein Size: 336
Molecular Weight:	38 kDa
Gene ID:	3775
NCBI Accession:	NM_002245 , NP_002236
UniProt:	O00180

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 336 AA
Restrictions:	For Research Use only

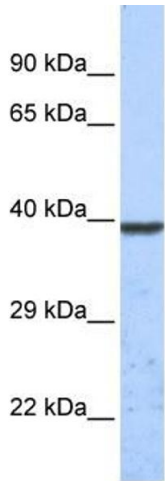
Handling

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.

Handling

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.

Images



Western Blotting

Image 1. WB Suggested Anti-KCNK1 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: Human heart