

Datasheet for ABIN1535184
anti-KCNK1 antibody (AA 287-336)



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1 Image

Overview

Quantity:	100 µL
Target:	KCNK1
Binding Specificity:	AA 287-336
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNK1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human KCNK1.
Isotype:	IgG
Specificity:	KCNK1 Antibody detects endogenous levels of total KCNK1 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	KCNK1
Alternative Name:	KCNK1 (KCNK1 Products)
Background:	Synonyms: Potassium channel subfamily K member 1, Inward rectifying potassium channel

Target Details

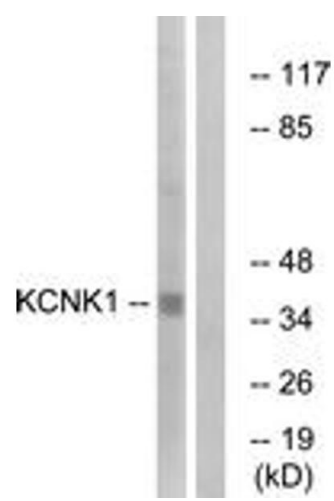
	protein TWIK-1, Potassium channel KCNO1, potassium channel, subfamily K, member 1, TWIK-1 NCBI Gene Symbol: KCNK1
Molecular Weight:	38 kDa
Gene ID:	3775
OMIM:	601745
UniProt:	O00180

Application Details

Application Notes:	WB: 1:500~1:1000 ELISA: 1:40000
Comment:	Unigene-Number: Hs.208544 (NCBI Gene Symbol: KCNK1)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from Jurkat cells, using KCNK1 Antibody. The lane on the right is treated with the synthesized peptide.