

Datasheet for ABIN953011
anti-KCNK1 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	KCNK1
Binding Specificity:	AA 300-328, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNK1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 300-328 amino acids from the C-terminal region of human KCNK1
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human KCNK1 (C-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	KCNK1
Alternative Name:	KCNK1 (KCNK1 Products)

Target Details

Background:	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.Synonyms: HOHO1, Inward rectifying potassium channel protein TWIK-1, KCNK1, KCNO1, Potassium channel KCNO1, Potassium channel subfamily K member 1, TWIK1
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Molecular Weight:	38143 Da
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Gene ID:	3775
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NCBI Accession:	NP_002236
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Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Concentration:	0.25 mg/mL
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Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
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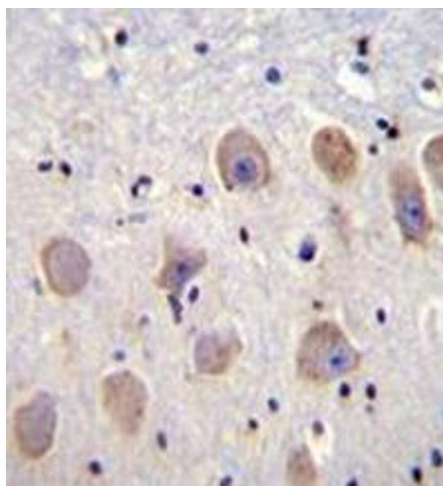
Preservative:	Sodium azide
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Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Handling Advice:	Avoid repeated freezing and thawing.
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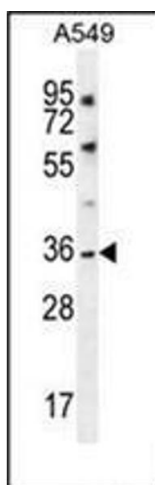
Storage:	4 °C/-20 °C
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Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.
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Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue reacted with KCNK1 Antibody (C-term) followed which was peroxidase conjugated to the secondary antibody and followed by DAB staining.



Western Blotting

Image 2. Western blot analysis of KCNK1 Antibody (C-term) in A549 cell line lysates (35ug/lane). This demonstrates the KCNK1 antibody detected the KCNK1 protein (arrow).