

Rabbit KCNK1 Polyclonal Antibody | anti-KCNK1 antibody

KCNK1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284211	Rabbit	Human (Predicted Reactivity: Rabbit)	Immunohistochemistry, ELISA, Western Blot

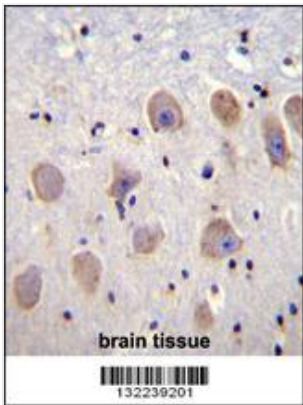
PRODUCT SYNONYMS

KCNK1; Polyclonal Antibody; KCNK1 Antibody (C-term); Potassium channel subfamily K member 1; Inward rectifying potassium channel protein TWIK-1; Potassium channel KCNO1; HOHO1; KCNO1; TWIK1; anti-KCNK1 antibody

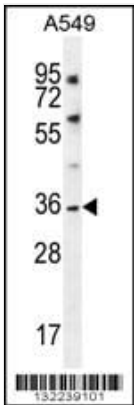
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Rabbit)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This KCNK1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 293-320 amino acids from the C-terminal region of human KCNK1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	293-320
Sequence Length	336
Applicable Applications for anti-KCNK1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
KCNK1 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of KCNK1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



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

ADDITIONAL INFORMATION

Related Product Information for anti-KCNK1 antibody	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.
Product Categories/Family for anti-KCNK1 antibody	Neuroscience; Signal Transduction
References	Feliciangeli, S., et al. J. Biol. Chem. 285(7):4798-4805(2010) McGeachie, M., et al. Circulation 120(24):2448-2454(2009) Zhou, M., et al. J. Neurosci. 29(26):8551-8564(2009) Goldstein, S.A., et al. Pharmacol. Rev. 57(4):527-540(2005) Rajan, S., et al. Cell 121(1):37-47(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504847
NCBI GeneID	3775
NCBI Accession #	NP_002236.1
NCBI GenBank Nucleotide #	NM_002245.3
UniProt Accession #	O00180 ; Q13307 ; Q5T5E8
Molecular Weight	38143
NCBI Official Full Name	potassium channel subfamily K member 1
NCBI Official Synonym Full Names	potassium channel, two pore domain subfamily K, member 1
NCBI Official Symbol	KCNK1
NCBI Official Synonym Symbols	DPK; HOHO; K2P1; KCNO1; TWIK1; K2p1.1; TWIK-1
NCBI Protein Information	potassium channel subfamily K member 1
UniProt Protein Name	Potassium channel subfamily K member 1
UniProt Gene Name	KCNK1

UniProt Synonym Gene Names	HOHO1; KCNO1; TWIK1
UniProt Entry Name	KCNK1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/kcnk1-antibody-immunohistochemistry-western-blot-elisa/284211>