

Rabbit TWIK1 / KCNK1 Polyclonal Antibody | anti-TWIK1 / KCNK1 antibody

Anti-TWIK1 / KCNK1 Antibody (C-Terminus) IHC-plus

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52599	Rabbit	Mouse, Rat, Human	ELISA, Western Blot, Immunofluorescence, Immunohistochemistry

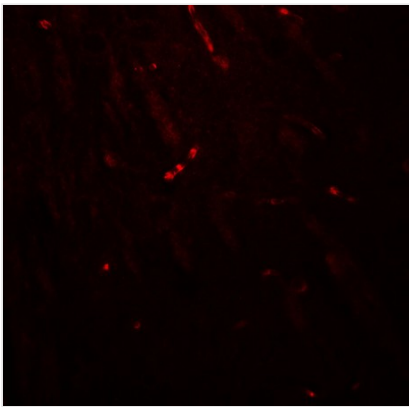
PRODUCT SYNONYMS

TWIK1 / KCNK1; Polyclonal Antibody; Anti-TWIK1 / KCNK1 Antibody (C-Terminus) IHC-plus; Rabbit Polyclonal to Human TWIK1 / KCNK1; Human TWIK1 / KCNK1; KCNK1; DPK; HOHO; KCNO1; HOHO1; Potassium channel KCNO1; TWIK1; TWIK-1; K2P1; K2p1.1; anti-TWIK1 / KCNK1 antibody

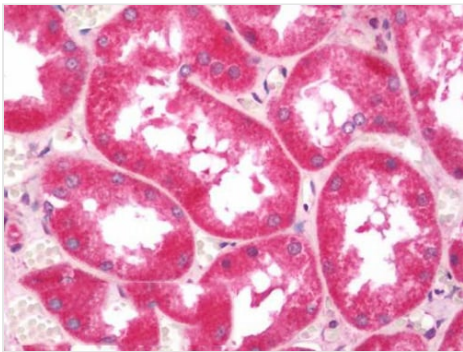
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat, Human
Clonality	Polyclonal
Specificity	KCNK1 antibody is human, mouse and rat reactive. KCNK1 antibody is predicted to not cross-react with other KCNK proteins.
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.02% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	336
Applicable Applications for anti-TWIK1 / KCNK1 antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen	TWIK1 / KCNK1 antibody was raised against kCNK1 antibody was raised against a 17 amino acid peptide near the carboxy terminus of human KCNK1.
Immunogen Description	KCNK1 antibody was raised against a 17 amino acid peptide near the carboxy terminus of human KCNK1.
Immunogen Type	Synthetic peptide
Antigen Modification	C-Terminus
Target Species	Human
Preparation and Storage	Long term: -20 degree C Short term: 4 degree C Avoid repeat freeze-thaw cycles

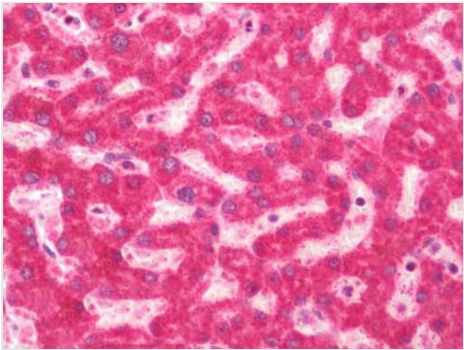
IMAGES



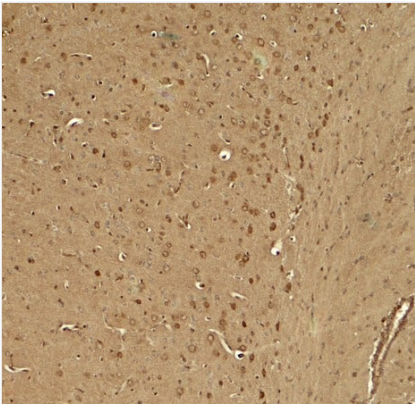
IF (Immunofluorescence)
Immunofluorescence of KCNK1 in mouse brain tissue with KCNK1 antibody at 20 ug/ml.



IHC (Immunohistochemisry)
Human Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohiostchemistry)
Human Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
Immunohistochemistry of KCNK1 in mouse brain tissue with KCNK1 antibody at 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-TWIK1 / KCNK1 antibody	KCNK1 Antibody, DPK Antibody, HOHO Antibody, KCNO1 Antibody, HOHO1 Antibody, Potassium channel KCNO1 Antibody, TWIK1 Antibody, TWIK-1 Antibody, K2P1 Antibody, K2p1.1 Antibody Description: KCNK1/TWIK1 is a weakly inward rectifying potassium channel with twin P domains (pore forming regions) and 4 transmembrane domains. Its activity is up regulated indirectly by protein kinase C and down regulated indirectly by internal acidification. This channel is widely distributed with highest expression in the CNS, kidney, and heart.
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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	38,143 Da
NCBI Official Full Name	potassium channel subfamily K member 1
NCBI Official Synonym Full Names	potassium two pore domain channel 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 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/twik1-kcnk1-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/52599>