

Rabbit KCNK3 Polyclonal Antibody | anti-KCNK3 antibody

KCNK3 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197914	Rabbit	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat, Sheep	Western Blot

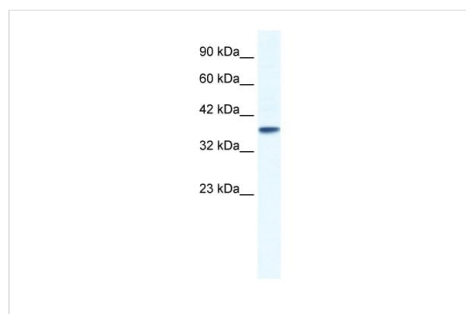
PRODUCT SYNONYMS

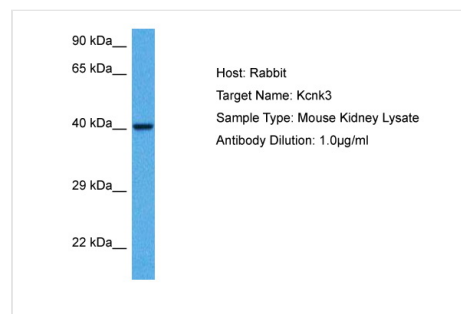
KCNK3; Polyclonal Antibody; KCNK3 antibody - C-terminal region; anti-KCNK3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat, Sheep
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: TC VEQSHSSPGG GGRYSDTPSR RCLCSGAPRS AISSVSTGLH SLSTFRGL
Sequence Length	394
Applicable Applications for anti-KCNK3 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Human: 100%; Mouse: 100%; Rabbit: 86%; Rat: 100%; Sheep: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human KCNK3
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-KCNK3 Antibody Titration: 1.25ug/ml
ELISA Titer: 1:1562500
Positive Control: Jurkat cell lysate

WB (Western Blot)

Host: Mouse
Target Name: KCNK3
Sample Tissue: Mouse Kidney
Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-KCNK3 antibody	This is a rabbit polyclonal antibody against KCNK3. It was validated on Western Blot using a cell lysate as a positive control. Target Description: KCNK3 encodes one of the members of the superfamily of potassium channel proteins containing two pore-forming P domains. The gene product is an outwardly rectifying channel that is sensitive to changes in extracellular pH and is inhibited by extracellular acidification. Also referred to as an acid-sensitive potassium channel, it is activated by the anesthetics halothane and isoflurane. Although three transcripts are detected in northern blots, there is currently no sequence available to confirm transcript variants for this gene.
Product Categories/Family for anti-KCNK3 antibody	Polyclonal; Signal Proteins; Hypoxia

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504849
NCBI GeneID	3777
NCBI Accession #	NP_002237
NCBI GenBank Nucleotide #	NM_002246
UniProt Accession #	O14649
Molecular Weight	43kDa
NCBI Official Full Name	potassium channel subfamily K member 3
NCBI Official Synonym Full Names	potassium two pore domain channel subfamily K member 3
NCBI Official Symbol	KCNK3
NCBI Official Synonym Symbols	OAT1; PPH4; TASK; TBAK1; K2p3.1; TASK-1
NCBI Protein Information	potassium channel subfamily K member 3
UniProt Protein Name	Potassium channel subfamily K member 3
UniProt Gene Name	KCNK3
UniProt Synonym Gene Names	TASK; TASK1; Two pore K(+) channel KT3.1

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/kcnk3-antibody-western-blot-elisa/197914>