

Rabbit KCNK3 Polyclonal Antibody | anti-KCNK3 antibody

KCNK3 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA166405	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

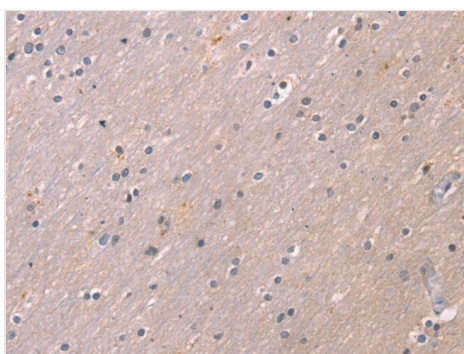
PRODUCT SYNONYMS

KCNK3; Polyclonal Antibody; KCNK3 Polyclonal Antibody; TASK; Task-1; cTBAK-1; anti-KCNK3 antibody

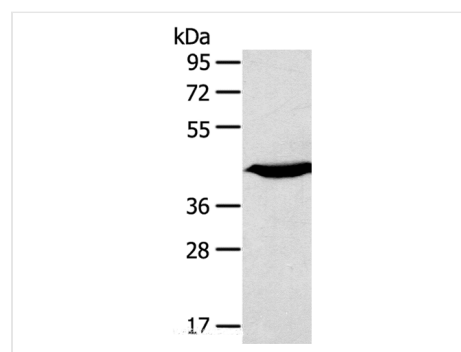
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.8mg/mL (varies by lot)
Sequence Length	271
Applicable Applications for anti-KCNK3 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Synthetic peptide of human KCNK3
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human brain using KCNK3 Polyclonal Antibody at dilution of 1:20


WB (Western Blot)

Western Blot analysis of Mouse heart tissue using KCNK3 Polyclonal Antibody at dilution of 1:200

ADDITIONAL INFORMATION

Related Product Information for anti-KCNK3 antibody

TASK channels are highly sensitive to external pH in the physiological range. TASK-1 is expressed in brain and in rat heart, with high levels of expression in the right atrium. TASK-2, mainly expressed in kidney, is localized in cortical distal tubules and collecting ducts, suggesting a role in renal K⁺ transport. TASK-3 from rat cerebellum shares 54% identity with TASK-1, but less than 30% identity with TASK-2 and other tandem pore K⁺ channels.

NCBI AND UNIPROT INFORMATION

NCBI GI #	223461345
NCBI GeneID	3777
Molecular Weight	43,518 Da
NCBI Official Full Name	KCNK3 protein
NCBI Official Synonym Full Names	potassium channel, two pore domain 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; TWIK-related acid-sensitive K(+) channel 1; TWIK-related acid-sensitive K+ channel; acid-sensitive potassium channel protein TASK; acid-sensitive potassium channel protein TASK-1; cardiac potassium channel; potassium inwardly-rectifying channel, subfamily K, member 3; two P domain potassium channel; two pore K(+) channel KT3.1; two pore potassium channel KT3.1
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
UniProt Entry Name	KCNK3_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/kcnk3-antibody-immunohistochemistry-western-blot-elisa/166405>