

Anti-KCNK3 Antibody
Rabbit polyclonal antibody to KCNK3
Catalog # AP60677

Specification

Anti-KCNK3 Antibody - Product Information

Application	WB
Primary Accession	O14649
Other Accession	O35111
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43518

Anti-KCNK3 Antibody - Additional Information

Gene ID 3777

Other Names

TASK; TASK1; Potassium channel subfamily K member 3; Acid-sensitive potassium channel protein TASK-1; TWIK-related acid-sensitive K(+) channel 1; Two pore potassium channel KT3.1; Two pore K(+) channel KT3.1

Target/Specificity

Recognizes endogenous levels of KCNK3 protein.

Dilution

WB~~WB (1/500 - 1/1000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-KCNK3 Antibody - Protein Information

Name KCNK3

Synonyms TASK, TASK1

Function

pH-dependent, voltage-insensitive, background potassium channel protein. Rectification direction results from potassium ion concentration on either side of the membrane. Acts as an outward rectifier when external potassium concentration is low. When external potassium concentration is high, current is inward.

Cellular Location

Cell membrane; Multi-pass membrane protein

Tissue Location

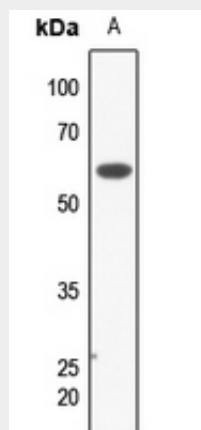
Widespread expression in adult. Strongest expression in pancreas and placenta. Lower expression in brain, lung, prostate, heart, kidney, uterus, small intestine and colon

Anti-KCNK3 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-KCNK3 Antibody - Images



Western blot analysis of KCNK3 expression in HeLa (A) whole cell lysates.

Anti-KCNK3 Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human KCNK3. The exact sequence is proprietary.