10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

KCNK10 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10819

Specification

KCNK10 antibody - C-terminal region - Product Information

Application	**WB**
Primary Accession	P57789
Other Accession	NM_021161, NP_066984
Reactivity	**Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Dog**
Predicted	**Human, Mouse, Rabbit, Pig, Chicken, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**59kDa KDa**

KCNK10 antibody - C-terminal region - Additional Information

Gene ID 54207

Alias Symbol **TREK2, TREK-2, K2p10.1**

Other Names
Potassium channel subfamily K member 10, Outward rectifying potassium channel protein TREK-2, TREK-2 K(+) channel subunit, KCNK10, TREK2

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 100 ul of distilled water. Final anti-KCNK10 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
KCNK10 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

KCNK10 antibody - C-terminal region - Protein Information

Name KCNK10

Synonyms TREK2

Function
Outward rectifying potassium channel. Produces rapidly activating and non-inactivating outward rectifier K(+) currents. Activated by arachidonic acid and other naturally occurring unsaturated free fatty acids.

Cellular Location
Membrane; Multi-pass membrane protein

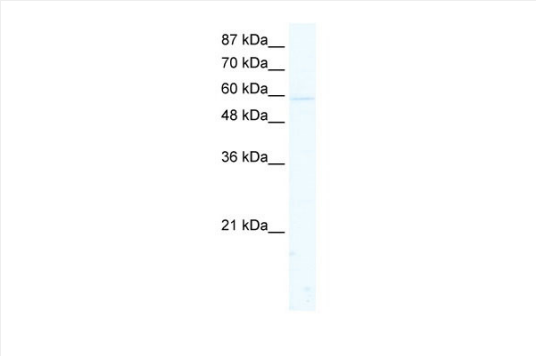
Tissue Location
Abundantly expressed in pancreas and kidney and to a lower level in brain, testis, colon, and small intestine. Isoform b is strongly expressed in kidney (primarily in the proximal tubule) and pancreas, whereas isoform c is abundantly expressed in brain

KCNK10 antibody - C-terminal region - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

KCNK10 antibody - C-terminal region - Images



WB Suggested Anti-KCNK10 Antibody Titration: 2.5µg/ml
ELISA Titer: 1:62500
Positive Control: Jurkat cell lysate

KCNK10 antibody - C-terminal region - References

Gu,W., et al., (2002) J. Physiol. (Lond.) 539 (PT 3), 657-668Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.