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Anti-KCNK12 Antibody
Rabbit polyclonal antibody to KCNK12
Catalog # AP60977

Specification

Anti-KCNK12 Antibody - Product Information

Application	**WB**
Primary Accession	Q9HB15
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**46889**

Anti-KCNK12 Antibody - Additional Information

Gene ID 56660

Other Names
Potassium channel subfamily K member 12; Tandem pore domain halothane-inhibited potassium channel 2; THIK-2

Target/Specificity
KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human KCNK12. The exact sequence is proprietary.

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-KCNK12 Antibody - Protein Information

Name KCNK12 {ECO:0000303|PubMed:24163367, ECO:0000312|HGNC:HGNC:6274}

Function
K(+) channel subunit that may homo- and heterodimerize to form functional channels with distinct regulatory and gating properties. Can heterodimerize with KCNK13 subunit to conduct K(+) outward rectifying currents at the plasma membrane. The homodimers are mainly retained in the endoplasmic reticulum compartment and may be targeted to the cell surface upon phosphorylation or other activation signals yet to be elucidated.

Cellular Location
Cell membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane; Multi-pass

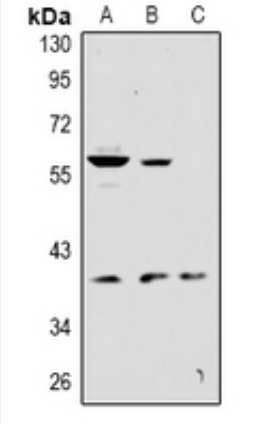
membrane protein

Anti-KCNK12 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 Cytomety
- Cell Culture

Anti-KCNK12 Antibody - Images



Western blot analysis of KCNK12 expression in Hela (A), PC12 (B), CT26 (C) whole cell lysates.

Anti-KCNK12 Antibody - Background

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