

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

Anti-KCNK12 Antibody - Product Information

Application	WB
Primary Accession	O9HB15
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

Recognizes endogenous levels of KCNK12 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-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

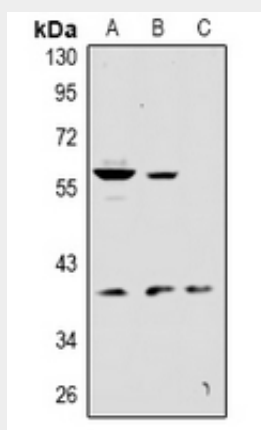
Cell membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane; Multi-pass membrane protein

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 Cytometry](#)
- [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

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