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Anti-KCNK12 Antibody

Catalog # AP60977

Product Information

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

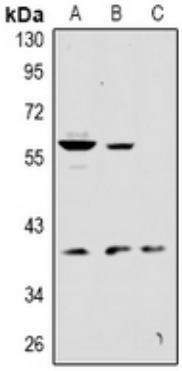
Additional Information

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 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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

Images



Western blot analysis of KCNK12 expression in Hela (A), PC12 (B), CT26 (C) whole cell lysates. (Predicted band size: 46 kD; Observed band size: 40 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.