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KCNK12 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18207b

Specification

KCNK12 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q9HB15
Other Accession	NP_071338.1
Reactivity	**Human, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**46889**
Antigen Region	**335-364**

KCNK12 Antibody (C-term) - Additional Information

Gene ID 56660

Other Names
Potassium channel subfamily K member 12, Tandem pore domain halothane-inhibited potassium channel 2, THIK-2, KCNK12

Target/Specificity
This KCNK12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 335-364 amino acids from the C-terminal region of human KCNK12.

Dilution
WB~~1:2000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
KCNK12 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

KCNK12 Antibody (C-term) - Protein Information

Name KCNK12

Function Probable potassium channel subunit. No channel activity observed in heterologous

systems. May need to associate with another protein to form a functional channel (By similarity).

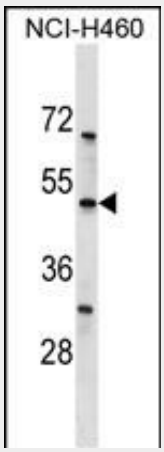
Cellular Location
Membrane; Multi-pass membrane protein

KCNK12 Antibody (C-term) - Protocols

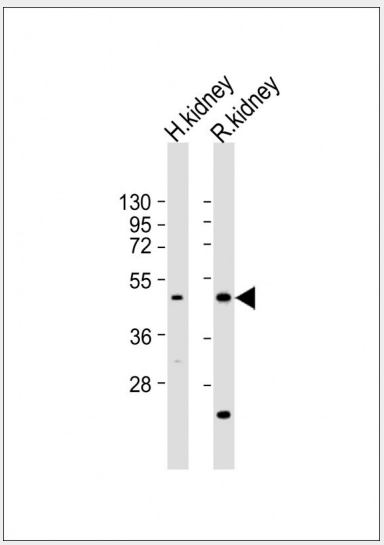
Provided below are standard protocols that you may find useful for product applications.

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

KCNK12 Antibody (C-term) - Images

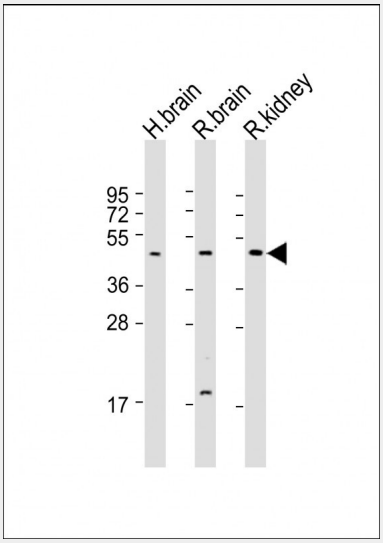


KCNK12 Antibody (C-term) (Cat. #AP18207b) western blot analysis in NCI-H460 cell line lysates (35ug/lane).This demonstrates the KCNK12 antibody detected the KCNK12 protein (arrow).



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All lanes : Anti-KCNK12 Antibody (C-term) at 1:2000 dilution Lane 1: human kidney lysate Lane 2: rat kidney lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 47 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



All lanes : Anti-KCNK12 Antibody (C-term) at 1:2000 dilution Lane 1: human brain lysate Lane 2: rat brain lysate Lane 3: rat kidney lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 47 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

KCNK12 Antibody (C-term) - Background

This gene encodes one of the members of the superfamily of potassium channel proteins containing two pore-forming P domains. The product of this gene has not been shown to be a functional channel, however, it may require other non-pore-forming proteins for activity.

KCNK12 Antibody (C-term) - References

Birlea, S.A., et al. J. Invest. Dermatol. 130(3):798-803(2010)
Nyholt, D.R., et al. Hum. Mol. Genet. 17(21):3318-3331(2008)
Theilig, F., et al. Cell. Physiol. Biochem. 21 (1-3), 63-74 (2008) :
Olsen, J.V., et al. Cell 127(3):635-648(2006)
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