RNF5 Antibody

PACO20343

Product Information

Size:

50ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:5000, WB:1:500-1:2000, IHC:1:25-1:100

Protein Background:

Ion channel that contributes to passive transmembrane potassium transport and to the regulation of the resting membrane potential in brain astrocytes, but also in kidney and in other tissues. Forms dimeric channels through which potassium ions pass in accordance with their electrochemical gradient. The channel is selective for K(+) ions at physiological potassium concentrations and at neutral pH, but becomes permeable to Na(+) at subphysiological K(+) levels and upon acid, fication of the extracellular medium. The homodimer has very low potassium channel activity, when expressed in heterologous systems, and can function as weakly inward rectifying potassium channel. Channel activity is modulated by activation of serotonin receptors. Heterodimeric channels containing KCNK1 and KCNK2 have much higher activity, and may represent the predominant form in astrocytes. Heterodimeric channels containing KCNK1 and KCNK3 or KCNK9 have much higher activity.

Gene ID:

RNF5

Uniprot

Q99942

Synonyms:

ring finger protein 5, E3 ubiquitin protein ligase

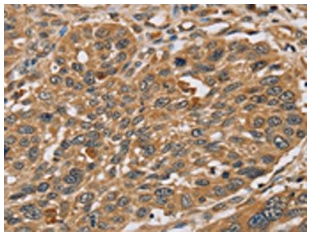
Immunogen:

Synthetic peptide of human RNF5.

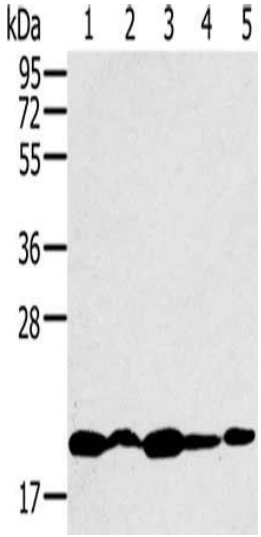
Storage:

-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

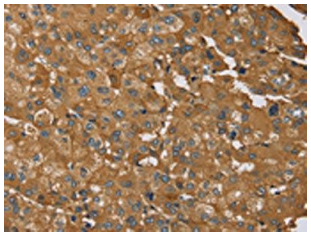
Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using PACO20343(RNF5 Antibody) at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: x—200).



Gel: 10%SDS-PAGE, Lysate: 40 ug, Lane 1-5: K562 cells, 231 cells, Jurkat cells, hela cells, 293T cells, Primary antibody: PACO20343(RNF5 Antibody) at dilution 1/200, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 3 minutes.



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using PACO20343(RNF5 Antibody) at dilution 1/35, on the right is treated with synthetic peptide. (Original magnification: x—200).

