
Product Name: TASK-5 Rabbit Polyclonal Antibody**Catalog #: APRab18652**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
Molecular Weight	42kDa

Antigen Information

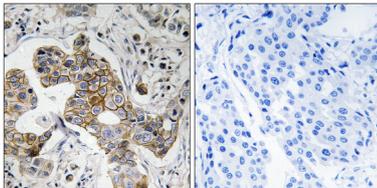
Gene Name	KCNK15 KCNK15; TASK5; Potassium channel subfamily K member 15; Acid-sensitive potassium channel protein TASK-5; TWIK-related acid-sensitive K(+) channel 5; Two pore potassium channel KT3.3; Two pore K(+) channel KT3.3
Alternative Names	
Gene ID	60598.0
SwissProt ID	Q9H427
Immunogen	The antiserum was produced against synthesized peptide derived from human KCNK15. AA range:273-322

Background

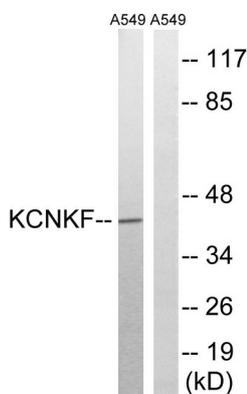
potassium two pore domain channel subfamily K member 15(KCNK15) Homo sapiens This gene encodes one of the members of the superfamily of potassium channel proteins containing two pore-forming P domains. The product of this gene has not been shown to be a functional channel, however, it may require other non-pore-forming proteins for activity. [provided by RefSeq, Jul 2008],function:Probable potassium channel subunit. No channel activity observed in heterologous systems. May need to associate with another protein to form a functional channel.,polymorphism:Three variant polypeptides are known: TASK-5A, TASK-5B and TASK-5C. The sequence shown is that of TASK-5C.,similarity:Belongs to the two pore domain potassium channel (TC 1.A.1.8) family.,subunit:Heterodimer .,tissue specificity:Detected in pancreas, heart, placenta, lung, liver, kidney, ovary, testis, skeletal muscle and adrenal gland, and at lower levels in prostate, spleen and thyroid gland.,

Research Area

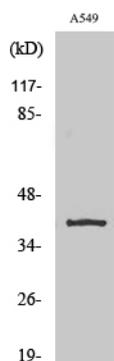
Image Data



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using KCNK15 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from A549 cells, using KCNK15 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using TASK-5 Polyclonal Antibody diluted at 1 : 1000