

Anti-KCNK15 Antibody

Catalog # AP60113

Product Information

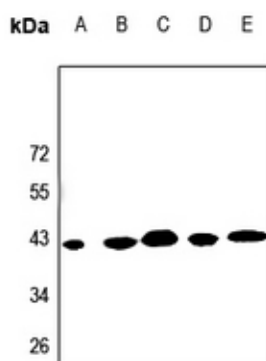
Application	WB, IHC
Primary Accession	Q9H427
Reactivity	Human, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	36222

Additional Information

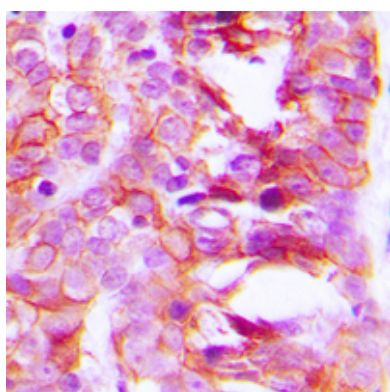
Gene ID	60598
Other Names	TASK5; Potassium channel subfamily K member 15; Acid-sensitive potassium channel protein TASK-5; TWIK-related acid-sensitive K(+) channel 5; Two pore potassium channel KT3.3; Two pore K(+) channel KT3.3
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human KCNK15. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200)
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

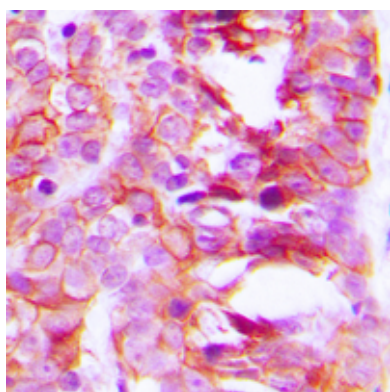
Name	KCNK15
Synonyms	TASK5
Function	Probable potassium channel subunit. No channel activity observed in heterologous systems. May need to associate with another protein to form a functional channel.
Cellular Location	Membrane; Multi-pass membrane protein.
Tissue Location	Detected in pancreas, heart, placenta, lung, liver, kidney, ovary, testis, skeletal muscle and adrenal gland, and at lower levels in prostate, spleen and thyroid gland



Western blot analysis of KCNK15 expression in Panc1 (A), A549 (B), A2780 (C), H9C2 (D), MEF (E) whole cell lysates. (Predicted band size: 36 kD; Observed band size: 42 kD)



Immunohistochemical analysis of KCNK15 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



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