

**TASK-5 Polyclonal Antibody**

<b>Catalog No :</b>	YT4542
<b>Reactivity :</b>	Human;Rat
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	TASK-5
<b>Gene Name :</b>	KCNK15
<b>Protein Name :</b>	Potassium channel subfamily K member 15
<b>Human Gene Id :</b>	60598
<b>Human Swiss Prot No :</b>	Q9H427
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human KCNK15. AA range:273-322
<b>Specificity :</b>	TASK-5 Polyclonal Antibody detects endogenous levels of TASK-5 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:20000.. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	42kD
<b>Background :</b>	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 :**

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.,

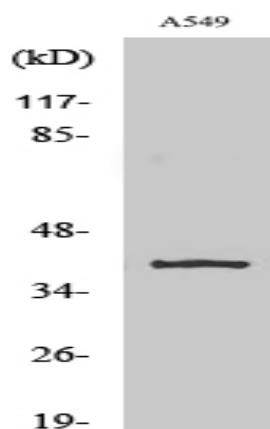
**Subcellular Location :**

Membrane; Multi-pass membrane protein.

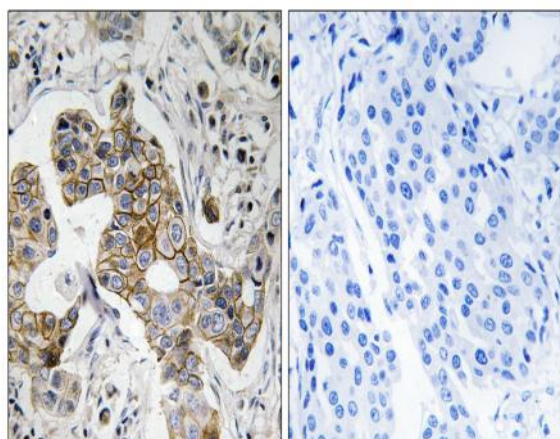
**Expression :**

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.

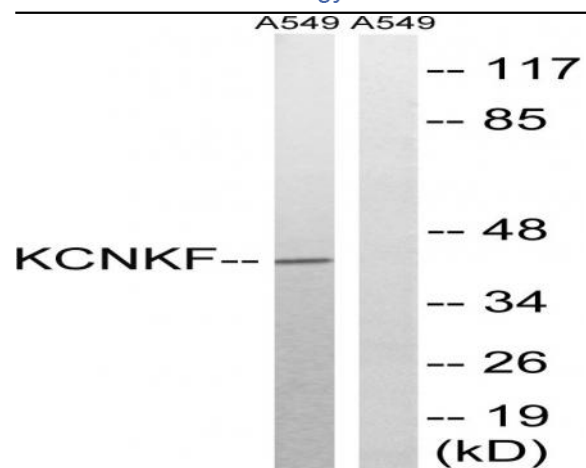
## Products Images



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



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.