Best Tools for immunology Research

THIK-2 Polyclonal Antibody

Catalog No :	YT4643
Reactivity :	Human;Mouse;Rat
Applications :	WB;ELISA;IHC
Target :	THIK-2
Gene Name :	KCNK12
Protein Name :	Potassium channel subfamily K member 12
Human Gene Id :	56660
Human Swiss Prot No :	Q9HB15
Rat Gene Id :	64119
Rat Swiss Prot No :	Q9ERS1
Immunogen :	The antiserum was produced against synthesized peptide derived from human KCNK12. AA range:336-385
Specificity :	THIK-2 Polyclonal Antibody detects endogenous levels of THIK-2 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000;IHC 1:50-300; ELISA 2000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 47kD

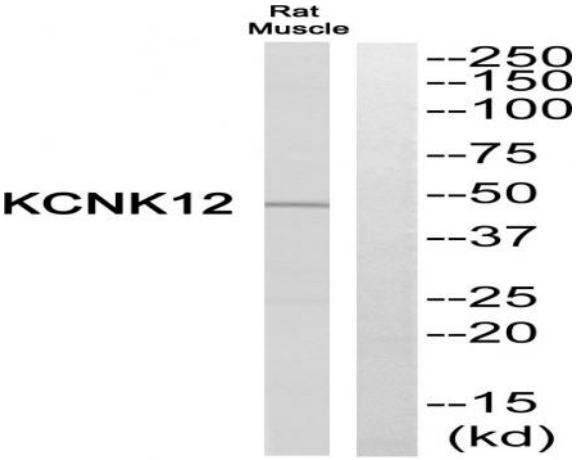
Background : potassium two pore domain channel subfamily K member 12(KCNK12) Homo sapiens This gene encodes one of the members of the superfamily of potassium channel proteins containing two pore-forming P domains. The product of this gene has not been shown to be a functional channel, however, it may 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.,similarity:Belongs to the two pore domain potassium channel (TC 1.A.1.8) family.,subunit:Heterodimer .,

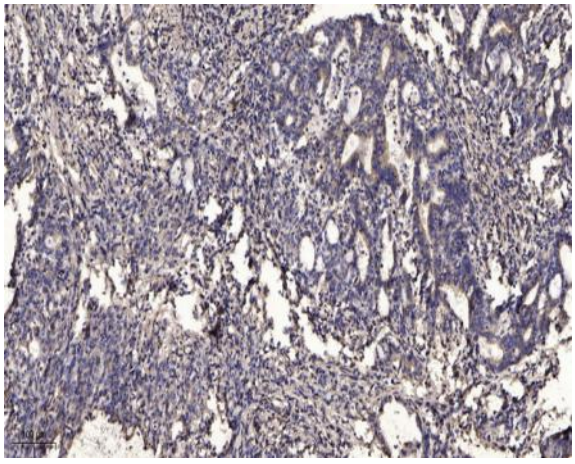
Subcellular Location : Membrane ; Multi-pass membrane protein .

Expression : Epithelium,PNS,

Products Images



Western blot analysis of KCNK12 Antibody. The lane on the right is blocked with the KCNK12 peptide.



Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).