

产品名称: KCNT1 Rabbit Polyclonal Antibody
产品货号: APRab12952



产品概述 (Summary)

产品名称 (Production Name)	KCNT1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	KCNT1
别名 (Alternative Names)	KCNT1; KIAA1422; Potassium channel subfamily T member 1; KCa4.1
基因 ID (Gene ID)	57582.0
蛋白 ID (SwissProt ID)	Q5JUK3.The antiserum was produced against synthesized peptide derived from human KCNT1. AA range:1019-1068

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	140kDa

研究背景 (Background)

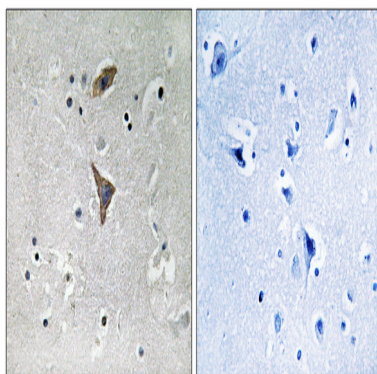
产品名称: KCNT1 Rabbit Polyclonal Antibody
产品货号: AP Rab12952



Potassium channels represent the most complex class of voltage-gated ion channels from both functional and structural standpoints. Their diverse functions include regulating neurotransmitter release, heart rate, insulin secretion, neuronal excitability, epithelial electrolyte transport, smooth muscle contraction, and cell volume. This gene encodes a sodium-activated potassium channel subunit which is thought to function in ion conductance and developmental signaling pathways. Mutations in this gene cause the early-onset epileptic disorders, malignant migrating partial seizures of infancy and autosomal dominant nocturnal frontal lobe epilepsy. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2012],function:Outwardly rectifying potassium channel subunit that may co-assemble with other Slo-type channel subunits. Activated by high intracellular sodium or chloride levels. Activated upon stimulation of G-protein coupled receptors, such as CHRM1 and GRIA1. May be regulated by calcium in the absence of sodium ions (in vitro).,PTM:Phosphorylated by protein kinase C. Phosphorylation of the C-terminal domain increases channel activity.,similarity:Belongs to the potassium channel family. Calcium-activated subfamily.,similarity:Contains 1 RCK N-terminal domain.,subunit:Interacts with CRBN via its cytoplasmic C-terminus.,tissue specificity:Highest expression in liver, brain and spinal cord. Lowest expression in skeletal muscle.,

研究领域 (Research Area)

图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using KCNT1 Antibody. The picture on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .