

产品名称: KV3.1 Rabbit Polyclonal Antibody
产品货号: APRab13165



产品概述 (Summary)

产品名称 (Production Name)	KV3.1 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)	KCNC1 KCNC1; Potassium voltage-gated channel subfamily C member 1; NGK2;
别名 (Alternative Names)	Voltage-gated potassium channel subunit Kv3.1; Voltage-gated potassium channel subunit Kv4
基因 ID (Gene ID)	3746.0
蛋白 ID (SwissProt ID)	P48547.Synthesized peptide derived from KV3.1 . at AA range: 190-270

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 1:5000-1:10000
蛋白分子量 (Molecular Weight)	60kDa

产品名称: KV3.1 Rabbit Polyclonal Antibody
产品货号: APRab13165

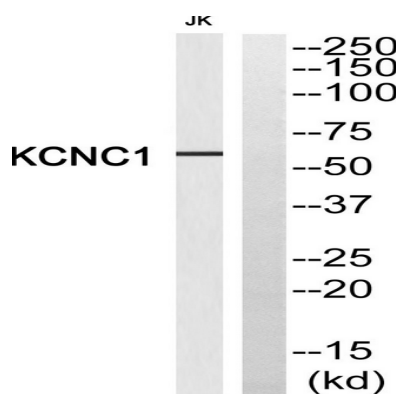


研究背景 (Background)

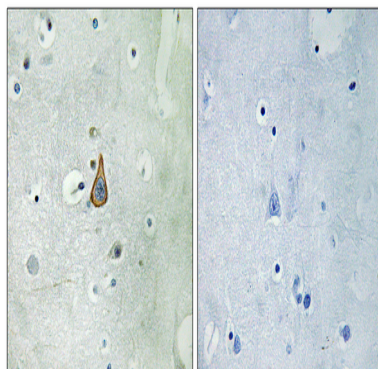
This gene encodes a member of a family of integral membrane proteins that mediate the voltage-dependent potassium ion permeability of excitable membranes. Alternative splicing is thought to result in two transcript variants encoding isoforms that differ at their C-termini. These isoforms have had conflicting names in the literature: the longer isoform has been called both "b" and "alpha", while the shorter isoform has been called both "a" and "beta" (PMIDs 1432046, 12091563). [provided by RefSeq, Oct 2014],domain:The segment S4 is probably the voltage-sensor and is characterized by a series of positively charged amino acids at every third position.,domain:The tail may be important in modulation of channel activity and/or targeting of the channel to specific subcellular compartments.,function:Mediates the voltage-dependent potassium ion permeability of excitable membranes. Assuming opened or closed conformations in response to the voltage difference across the membrane, the protein forms a potassium-selective channel through which potassium ions may pass in accordance with their electrochemical gradient.,similarity:Belongs to the potassium channel family. C (Shaw) subfamily.,subunit:Heteromultimer with KCNG3, KCNG4 and KCNV2.,

研究领域 (Research Area)

图片 (Image Data)



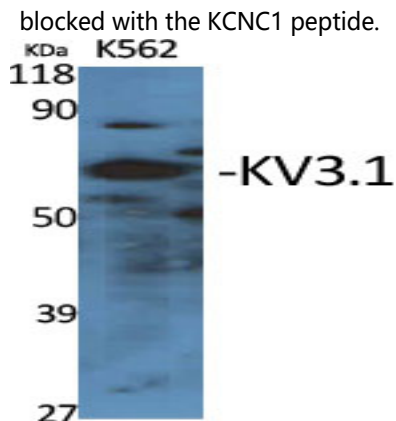
Western blot analysis of KCNC1 Antibody. The lane on the right is blocked with the KCNC1 peptide.



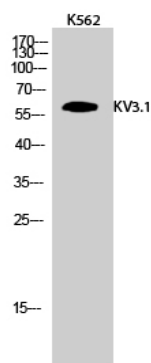
产品名称: KV3.1 Rabbit Polyclonal Antibody
产品货号: APRab13165



Immunohistochemistry analysis of paraffin-embedded human brain, using KCNC1 Antibody. The lane on the right is blocked with the KCNC1 peptide.



Western Blot analysis of various cells using KV3.1 Polyclonal Antibody



Western Blot analysis of K562 cells using KV3.1 Polyclonal Antibody

注意事项 (Note)

For research use only .