

产品名称: KCNG3 Rabbit Polyclonal Antibody
产品货号: APRab12936



产品概述 (Summary)

产品名称 (Production Name)	KCNG3 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC
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)	KCNG3 KCNG3; Potassium voltage-gated channel subfamily G member 3; Voltage-gated potassium channel subunit Kv10.1; Voltage-gated potassium channel subunit Kv6.3
别名 (Alternative Names)	
基因 ID (Gene ID)	170850.0
蛋白 ID (SwissProt ID)	Q8TAE7.The antiserum was produced against synthesized peptide derived from human KCNG3. AA range:183-232

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300
蛋白分子量 (Molecular Weight)	50kDa

产品名称: KCNG3 Rabbit Polyclonal Antibody
产品货号: AP Rab12936

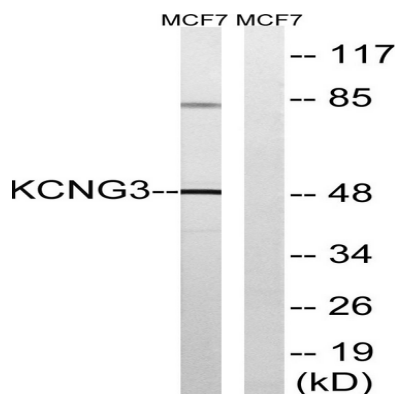


研究背景 (Background)

Voltage-gated potassium (Kv) 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 member of the potassium channel, voltage-gated, subfamily G. This member is a gamma subunit functioning as a modulatory molecule. Alternative splicing results in two transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008], domain: The segment S4 is probably the voltage-sensor and is characterized by a series of positively charged amino acids at every third position., function: Potassium channel subunit. Modulates channel activity., similarity: Belongs to the potassium channel family. G subfamily., subcellular location: Has to be associated with KCNB1 or possibly another partner to get inserted in the plasma membrane. Remains intracellular in the absence of KCNB1., subunit: Heteromultimer with KCNB1, KCNC1 and KCNF1. Does not form homomultimers., tissue specificity: Detected in many parts of the brain with the exception of the cerebellum, in testis, pancreas, lung, kidney, ovary, small intestine, colon, thymus, adrenal gland and spinal cord.,

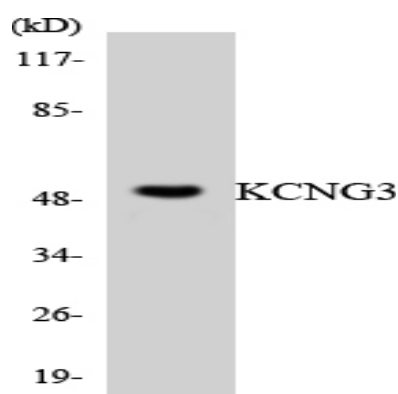
研究领域 (Research Area)

图片 (Image Data)

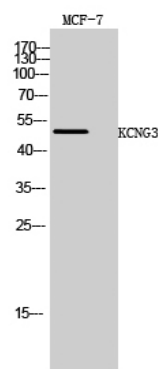


Western blot analysis of lysates from MCF-7 cells, using KCNG3 Antibody. The lane on the right is blocked with the synthesized peptide.

产品名称: KCNG3 Rabbit Polyclonal Antibody
产品货号: APRab12936



Western blot analysis of the lysates from HeLa cells using KCNG3 antibody.



Western Blot analysis of MCF-7 cells using KCNG3 Polyclonal Antibody

注意事项 (Note)

For research use only .