

产品名称: ENaC γ Rabbit Polyclonal Antibody
产品货号: APRab10454



产品概述 (Summary)

产品名称 (Production Name)	ENaC γ Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,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)	SCNN1G SCNN1G; Amiloride-sensitive sodium channel subunit gamma; Epithelial
别名 (Alternative Names)	Na(+) channel subunit gamma; ENaCG; Gamma-ENaC; Gamma-NaCH; Nonvoltage-gated sodium channel 1 subunit gamma; SCNEG
基因 ID (Gene ID)	6340.0
蛋白 ID (SwissProt ID)	P51170.The antiserum was produced against synthesized peptide derived from human ENaC gamma. AA range:132-181

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	80kDa

产品名称: ENaC γ Rabbit Polyclonal Antibody
产品货号: APRab10454



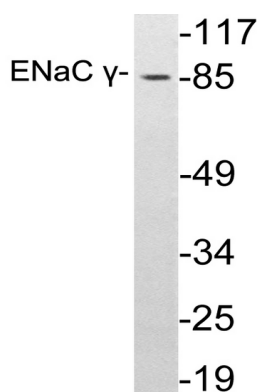
研究背景 (Background)

Nonvoltage-gated, amiloride-sensitive, sodium channels control fluid and electrolyte transport across epithelia in many organs. These channels are heteromeric complexes consisting of 3 subunits: alpha, beta, and gamma. This gene encodes the gamma subunit, and mutations in this gene have been associated with Liddle syndrome. [provided by RefSeq, Apr 2009],disease:Defects in SCNN1G are a cause of Liddle syndrome [MIM:177200]. It is an autosomal dominant disorder characterized by pseudoaldosteronism and hypertension associated with hypokalemic alkalosis. The disease is caused by constitutive activation of the renal epithelial sodium channel.,function:Sodium permeable non-voltage-sensitive ion channel inhibited by the diuretic amiloride. Mediates the electrodiffusion of the luminal sodium (and water, which follows osmotically) through the apical membrane of epithelial cells. Controls the reabsorption of sodium in kidney, colon, lung and sweat glands. Also plays a role in taste perception.,PTM:Phosphorylated on serine and threonine residues.,PTM:Ubiquitinated; this targets individual subunits for endocytosis and proteasome-mediated degradation.,similarity:Belongs to the amiloride-sensitive sodium channel family.,subcellular location:Apical membrane of epithelial cells.,subunit:Heterotetramer of two alpha, one beta and one gamma subunit. A delta subunit can replace the alpha subunit. Interacts with the WW domains of NEDD4, NEDD4L, WWP1 and WWP2.,

研究领域 (Research Area)

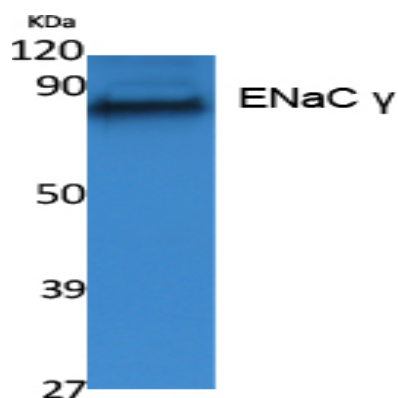
Taste transduction;Aldosterone-regulated sodium reabsorption;

图片 (Image Data)



Western blot analysis of lysates from A549 cells, using ENaC γ antibody.

产品名称: ENaC γ Rabbit Polyclonal Antibody
产品货号: APRab10454



Western Blot analysis of extracts from A549 cells, using ENaC γ Polyclonal Antibody. Antibody was diluted at 1:500.
Secondary antibody was diluted at 1:20000

注意事项 (Note)

For research use only .