

产品名称: Na⁺ CP type II β Rabbit Polyclonal Antibody
产品货号: APRab14373



产品概述 (Summary)

产品名称 (Production Name)	Na ⁺ CP type II β Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,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)	SCN2B
别名 (Alternative Names)	SCN2B; Sodium channel subunit beta-2
基因 ID (Gene ID)	6327.0
蛋白 ID (SwissProt ID)	O60939.The antiserum was produced against synthesized peptide derived from human SCN2B. AA range:71-120

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300,ELISA 1:2000-1:20000
蛋白分子量 (Molecular Weight)	24kDa

研究背景 (Background)

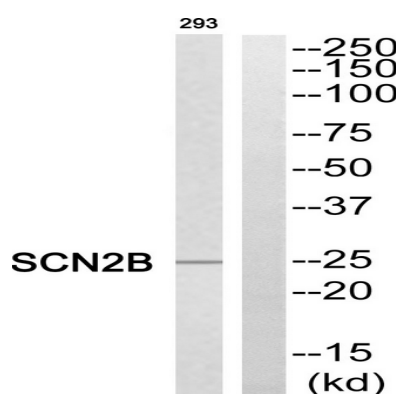
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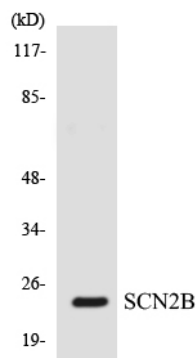
The protein encoded by this gene is the beta 2 subunit of the type II voltage-gated sodium channel. The encoded protein is involved in cell-cell adhesion and cell migration. Defects in this gene can be a cause of Brugada Syndrome, atrial fibrillation, or sudden infant death syndrome. [provided by RefSeq, Jul 2015],function:Crucial in the assembly, expression, and functional modulation of the heterotrimeric complex of the sodium channel. The subunit beta-2 causes an increase in the plasma membrane surface area and in its folding into microvilli. Interacts with TNFR may play a crucial role in clustering and regulation of activity of sodium channels at nodes of Ranvier.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,subunit:The sodium channel consists of a pore-forming alpha subunit, beta-1 and beta-2 subunits. Beta-1 is non-covalently associated with alpha, while beta-2 is covalently linked by disulfide bonds. Interaction with SCN10A and TNFR.,tissue specificity:Brain specific.,

研究领域 (Research Area)

图片 (Image Data)

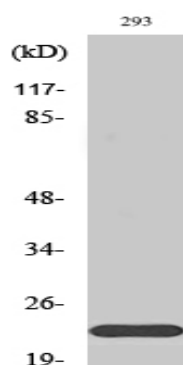


Western blot analysis of SCN2B Antibody. The lane on the right is blocked with the SCN2B peptide.



Western blot analysis of the lysates from HepG2 cells using SCN2B antibody.

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Western Blot analysis of various cells using Na⁺ CP type II β Polyclonal Antibody

注意事项 (Note)

For research use only .