

产品名称: C8 β Rabbit Polyclonal Antibody
产品货号: APRab07758



产品概述 (Summary)

产品名称 (Production Name)	C8 β 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,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)	C8B
别名 (Alternative Names)	Complement component C8 beta chain (Complement component 8 subunit beta)
基因 ID (Gene ID)	732.0
蛋白 ID (SwissProt ID)	P07358.The antiserum was produced against synthesized peptide derived from the Internal region of human C8B. AA range:371-420

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)	70kDa

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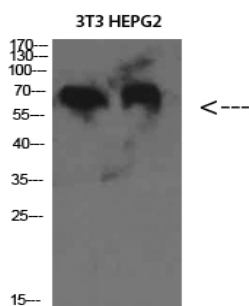
研究背景 (Background)

This gene encodes one of the three subunits of the complement component 8 (C8) protein. C8 is composed of equimolar amounts of alpha, beta and gamma subunits, which are encoded by three separate genes. C8 is one component of the membrane attack complex, which mediates cell lysis, and it initiates membrane penetration of the complex. This protein mediates the interaction of C8 with the C5b-7 membrane attack complex precursor. In humans deficiency of this protein is associated with increased risk of meningococcal infections. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2013],disease:Defects in C8B are a cause of complement C8 deficiency type II [MIM:120960]. Patients with deficiency of C8 suffer from recurrent bacterial infections, predominantly from Neisseria meningitidis,function:C8 is a constituent of the membrane attack complex. C8 binds to the C5b-7 complex, forming the C5b-8 complex. C5-b8 binds C9 and acts as a catalyst in the polymerization of C9,online information:C8B mutation db,polymorphism:The sequence shown is that of allotype C8B B.,PTM:N-glycosylated; contains one or two bound glycans. Not O-glycosylated.,similarity:Belongs to the complement C6/C7/C8/C9 family.,similarity:Contains 1 EGF-like domain.,similarity:Contains 1 LDL-receptor class A domain.,similarity:Contains 1 MACPF domain.,similarity:Contains 2 TSP type-1 domains.,subunit:C8 is composed of three chains: alpha, beta and gamma. The beta chain binds to the C8 alpha chain and to the C5b-C7 complex, presumably to C5b. It is essential to the incorporation of C8 into the C5b-C8 complex.,

研究领域 (Research Area)

Complement and coagulation cascades;Prion diseases;Systemic lupus erythematosus;

图片 (Image Data)



Western Blot analysis of 3T3 HEPG2 cells using C8 β Polyclonal Antibody diluted at 1:2000. Secondary antibody was diluted at 1:20000

注意事项 (Note)

For research use only .