

产品名称: 7B2 Rabbit Polyclonal Antibody
产品货号: APRab06349



产品概述 (Summary)

产品名称 (Production Name)	7B2 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, 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)	SCG5 SGNE1
别名 (Alternative Names)	
基因 ID (Gene ID)	6447.0
蛋白 ID (SwissProt ID)	P05408.Synthesized peptide derived from human protein . at AA range: 90-170

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	23kDa

研究背景 (Background)

This gene encodes a secreted chaperone protein that prevents the aggregation of other secreted proteins, including proteins that are associated with neurodegenerative and metabolic disease. The encoded protein may be best known for its

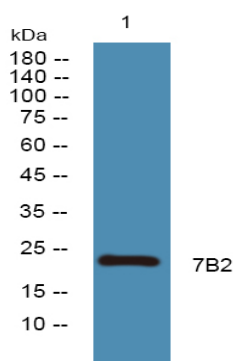
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role in the trafficking and activation of prohormone convertase PC2 (encoded by Gene ID: 5126). Phosphorylation of the encoded protein has been shown to have an inhibitory effect on its chaperone function. [provided by RefSeq, Jul 2016],function:Acts as a molecular chaperone for PCSK2/PC2, preventing its premature activation in the regulated secretory pathway. Binds to inactive PCSK2 in the endoplasmic reticulum and facilitates its transport from there to later compartments of the secretory pathway where it is proteolytically matured and activated. Also required for cleavage of PCSK2 but does not appear to be involved in its folding. Plays a role in regulating pituitary hormone secretion. The C-terminal peptide inhibits PCSK2 in vitro.,PTM:Proteolytically cleaved in the Golgi by a furin-like convertase to generate bioactive peptides.,PTM:Sulfated on tyrosine residues.,similarity:Belongs to the 7B2 family.,subcellular location:Neuroendocrine and endocrine secretory granules.,subunit:Interacts with PCSK2/PC2 early in the secretory pathway. Dissociation occurs at later stages.,

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4° over night

注意事项 (Note)

For research use only .