

产品名称: Recoverin Rabbit Polyclonal Antibody
产品货号: APRab16991



产品概述 (Summary)

产品名称 (Production Name)	Recoverin Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse

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)	RCVRN
别名 (Alternative Names)	RCVRN; RCV1; Recoverin; Cancer-associated retinopathy protein; Protein CAR
基因 ID (Gene ID)	5957.0
蛋白 ID (SwissProt ID)	P35243.The antiserum was produced against synthesized peptide derived from human Recoverin. AA range:107-156

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	23kDa

研究背景 (Background)

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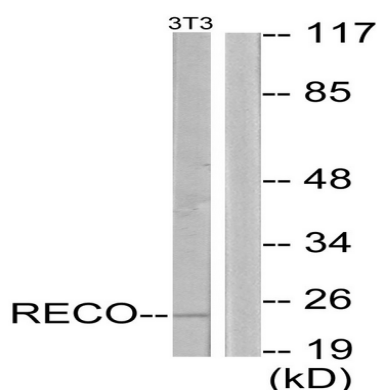


This gene encodes a member of the recoverin family of neuronal calcium sensors. The encoded protein contains three calcium-binding EF-hand domains and may prolong the termination of the phototransduction cascade in the retina by blocking the phosphorylation of photo-activated rhodopsin. Recoverin may be the antigen responsible for cancer-associated retinopathy. [provided by RefSeq, Jul 2008],disease:Identified as the antigen in cancer-associated retinopathy, an autoimmune disease of the retina caused by a tumor in another tissue.,function:Seems to be implicated in the pathway from retinal rod guanylate cyclase to rhodopsin. May be involved in the inhibition of the phosphorylation of rhodopsin in a calcium-dependent manner. The calcium-bound recoverin prolongs the photoresponse.,miscellaneous:Binds two calcium ions; one with high affinity, the other with low affinity.,similarity:Belongs to the recoverin family.,similarity:Contains 4 EF-hand domains.,tissue specificity:Retina and pineal gland.,

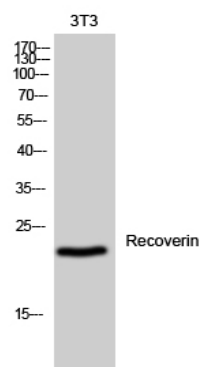
研究领域 (Research Area)

Signal Transduction; Signaling Pathway; Calcium Signaling; Calcium Binding Proteins; Neuroscience; Sensory System; Visual system

图片 (Image Data)



Western blot analysis of lysates from NIH/3T3 cells, using Recoverin Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of 3T3 cells using Recoverin Polyclonal Antibody

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注意事项 (Note)

For research use only .