
Summary

Production Name	Recoverin Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

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

Application

Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:20000
Molecular Weight	23kD

Background

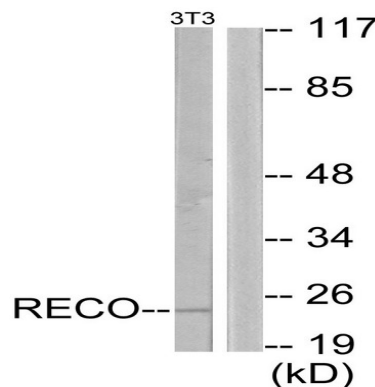
Product Name: Recoverin Rabbit Polyclonal Antibody
Catalog #: APRab16991



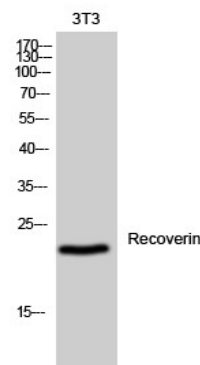
This gene encodes a member of the recoverin family of neuronal calcium sensors. The encoded protein contains three calcium-binding EF-hand domains and may prolong the termination of the phototransduction cascade in the retina by blocking the phosphorylation of photo-activated rhodopsin. Recoverin may 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.,

Research Area

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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Note

For research use only.