

For Research Use Only

Recoverin Polyclonal antibody

Catalog Number: 10073-1-AP

14 Publications



Basic Information

Catalog Number: 10073-1-AP	GenBank Accession Number: BC001720	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 700 µg/ml by Nanodrop;	GeneID (NCBI): 5957	Recommended Dilutions: WB 1:500-1:1000 IF 1:10-1:100
Source: Rabbit	Full Name: recoverin	
Isotype: IgG	Calculated MW: 24 kDa	
Immunogen Catalog Number: AG0119	Observed MW: 23 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls:
Cited Applications: IF, IHC, WB	WB : mouse eye tissue, rat retina tissue, Y79 cells, rat eye tissue
Species Specificity: human, mouse, rat	IF : Y79 cells,
Cited Species: human, rat, mouse	

Background Information

Recoverin, belonging to a family of the neuronal calcium sensor (NCS) proteins, has a restricted expression in retinal photoreceptors or neurons or neuroendocrine cells. It has been suggested to play a role in light and dark adaptation by regulating rhodopsin phosphorylation. Recently, it has been found that autoantibodies against recoverin (24 kDa) have been strongly associated with cancer -associated retinopathy (CAR) syndrome, a paraneoplastic disease of the retina. But functions of recoverin in cancer cells remain unknown.

Notable Publications

Author	Pubmed ID	Journal	Application
Kenichi Makabe	32895435	Sci Rep	IF
Jie Zhang	34805789	iScience	WB
Keller Rachel L RL	16634935	Vet Ophthalmol	WB

Storage

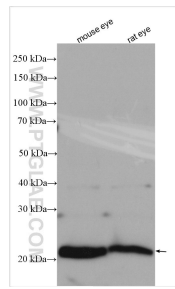
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

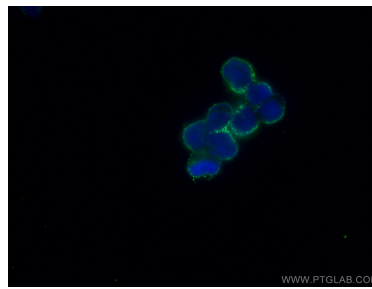
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10073-1-AP (Recoverin antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed Y79 cells using Recoverin antibody (10073-1-AP) at dilution of 1:20 and Coralite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).