

For Research Use Only

Recoverin Monoclonal antibody

Catalog Number: 66521-1-Ig **1 Publications**



Basic Information

Catalog Number: 66521-1-Ig	GenBank Accession Number: BC001720	Purification Method: Protein G purification
Size: 1700 µg/ml	GeneID (NCBI): 5957	CloneNo.: 3B8E8
Source: Mouse	Full Name: recoverin	Recommended Dilutions: WB 1:2500-1:10000
Isotype: IgG1	Calculated MW: 24 kDa	
Immunogen Catalog Number: AG0119	Observed MW: 23 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : pig retina tissue, rat retina tissue
Cited Applications: WB	
Species Specificity: Human, rat, pig, mouse	
Cited Species: human	

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
Lisheng Chen	35882889	Sci Rep	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

For technical support and original validation data for this product please contact:

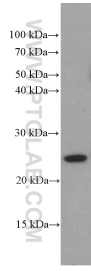
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

Selected Validation Data



pig retina tissue were subjected to SDS PAGE followed by western blot with 66521-1-Ig (Recoverin antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.