

## Product datasheet for **TA335802**

### Recoverin (RCVRN) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-RCV1 Antibody: synthetic peptide directed towards the C terminal of human RCV1. Synthetic peptide located within the following region: KMITPEDVKLLPDDENTPEKRAEKIWKYFGKNDDDKLTEKEFIEGTLANK
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	23 kDa
Gene Name:	recoverin
Database Link:	<a href="#">NP_002894</a> <a href="#">Entrez Gene 5957 Human P35243</a>



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**Background:**

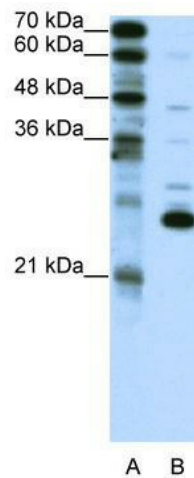
RCV1 is a member of the recoverin family of neuronal calcium sensors. RCV1 contains three calcium-binding EF-hand domains and may prolong the termination of the phototransduction cascade in the retina by blocking the phosphorylation of photo-activated rhodopsin. Recoverin may be the antigen responsible for cancer-associated retinopathy. The protein encoded by this gene contains four calcium-binding EF-hand domains and belongs to the recoverin family of neuronal calcium sensors. Recoverin may prolong the termination of the phototransduction cascade by blocking the phosphorylation of photo-activated rhodopsin. Recoverin may be the antigen responsible for cancer-associated retinopathy; an autoimmune disease of the retina caused by a tumor in another tissue.

**Synonyms:**

RCV1

**Note:**

Immunogen Sequence Homology: Human: 100%; Horse: 86%; Bovine: 86%; Rat: 85%; Dog: 79%; Rabbit: 79%; Pig: 75%

**Product images:**

WB Suggested Anti-RCV1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive Control: Jurkat cell lysate