

# Recoverin Rabbit mAb

Catalog No.: A25214 **Recombinant**

## Basic Information

### Observed MW

25kDa

### Calculated MW

23kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC65841

## Background

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.

## Recommended Dilutions

<b>WB</b>	1:2000 - 1:12000
<b>IHC-P</b>	1:50 - 1:200

## Immunogen Information

### Gene ID

5957

### Swiss Prot

P35243

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human Recoverin (NP\_002894.1).

### Synonyms

RCV1; RCVRN

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

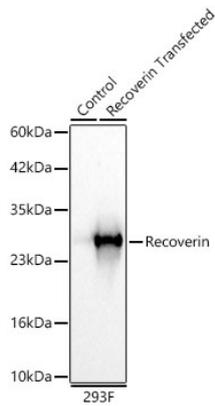
Affinity purification

### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of lysates from wild type (WT) and 293F cells transfected with Recoverin using Recoverin Rabbit mAb(A25214) at 1:10000 dilution.

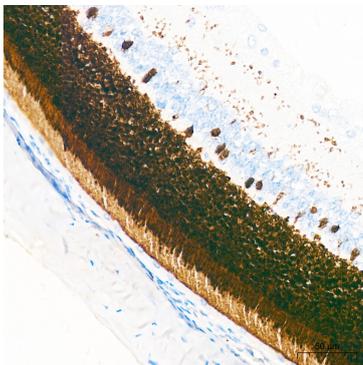
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 40.5  $\mu$ g per lane.

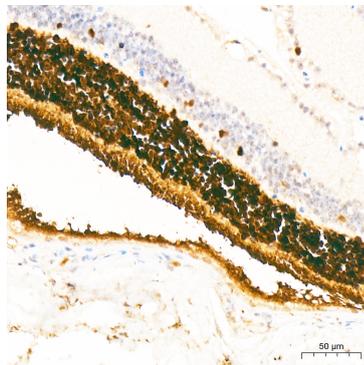
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.



Immunohistochemistry analysis of Recoverin in paraffin-embedded rat retina tissue using Recoverin Rabbit mAb (A25214) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of Recoverin in paraffin-embedded mouse retina tissue using Recoverin Rabbit mAb (A25214) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.