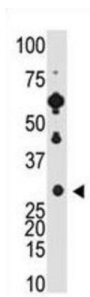
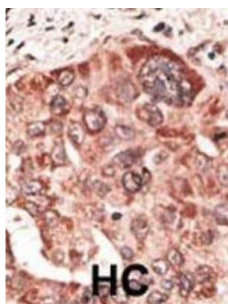


## Recoverin (RCVRN) Antibody

Catalogue No.: abx028513



Recoverin belongs to a high-affinity calcium-binding family that includes neuronal calcium sensor-1, visinin-like proteins (VILIPs), guanylate cyclase-activating proteins (GCAPs), and Kv-channel interacting proteins (KchIPs). Features common to this family include four calcium-binding EF-hand domains, and an N-terminal myristoylation sequence. This family of proteins has been implicated in a broad range of cellular signaling functions, including phototransduction and neurotransmitter release, lipid metabolism, gene expression, and ion channel regulation. Myristoylation, the post-translational addition of a fatty acid tail, has been shown to have functional significance for other calcium-binding protein family members. Recoverin is subject to the posttranslational modification of myristoylation. Binding of calcium to recoverin elicits a change in conformation that exposes the buried hydrophobic myristoyl moiety to interaction with cell membranes and other cellular proteins.

**Target:** Recoverin (RCVRN)

**Clonality:** Polyclonal

**Reactivity:** Human

**Tested Applications:** ELISA, WB, IHC

**Host:** Rabbit

**Recommended dilutions:** WB: 1/1000, IHC-P: 1/50 - 1/100. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** KLH-conjugated synthetic peptide between 169-200 amino acids from the C-terminal region of human Recoverin.

# Datasheet

Version: 3.0.0  
Revision date: 19 Aug 2025



Isotype:	IgG
Form:	Liquid
Purification:	Purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P35243 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
Gene Symbol:	RCVRN
GeneID:	<a href="#">5957</a>
OMIM:	<a href="#">179618</a>
HGNC:	9937
KEGG:	hsa:5957
Ensembl:	ENSG00000109047
String:	<a href="#">9606.ENSP00000226193</a>
Molecular Weight:	Calculated MW: 23.1 kDa
Buffer:	PBS containing 0.09% sodium azide.
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.