



Rabbit Anti-Human RCVRN Polyclonal Antibody (CABT-L2176)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal Antibody to Recoverin (Knockout Validated)
Specificity	The antibody is a rabbit polyclonal antibody raised against RCVRN. It has been selected for its ability to recognize RCVRN in immunohistochemical staining and western blotting.
Target	RCVRN
Immunogen	Recombinant fragment corresponding to human RCVRN (Gly2~Ala200)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Pig
Purification	Antigen-specific affinity chromatography followed by Protein A affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.
Preservative	0.05% Proclin-300

Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	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. [provided by RefSeq, Jul 2008]
Keywords	RCV1;Cancer-associated retinopathy protein

GENE INFORMATION

Gene Name	RCVRN recoverin [Homo sapiens (human)]
Official Symbol	RCVRN
Synonyms	RCVRN; recoverin; RCV1; cancer associated retinopathy antigen; cancer-associated retinopathy protein;
Entrez Gene ID	5957
Protein Refseq	NP_002894
UniProt ID	P35243
Chromosome Location	17p13.1
Pathway	Disease; Diseases associated with visual transduction; Inactivation, recovery and regulation of the phototransduction cascade; Phototransduction; Signal Transduction; The phototransduction cascade; Visual phototransduction;
Function	calcium ion binding; calcium sensitive guanylate cyclase activator activity;