

Rabbit Recoverin Polyclonal Antibody | anti-RCVRN antibody

Recoverin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323866	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

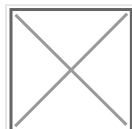
PRODUCT SYNONYMS

Recoverin; Polyclonal Antibody; Recoverin Antibody; 23 kDa photoreceptor cell-specific protein; Cancer associated retinopathy protein; Cancer-associated retinopathy protein; CAR; CAR protein; p26; Protein CAR; RCV1; RCVRN; RECO_HUMAN; S-modulin; anti-RCVRN antibody

PRODUCT SPECIFICATIONS

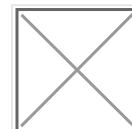
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Recoverin antibody detects endogenous levels of total Recoverin
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	200
Applicable Applications for anti-RCVRN antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Tissue Specificity	Retina and pineal gland.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (91%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from NIH-3T3 cells, using Recoverin antibody.



IF (Immunofluorescence)

AAA323866 staining NIH-3T3 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from rat brain, using Recoverin Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RCVRN antibody

Function: Seems to be implicated in the pathway from retinal rod guanylate cyclase to rhodopsin. May be involved in the inhibition of the phosphorylation of rhodopsin in a calcium-dependent manner. The calcium-bound recoverin prolongs the photoresponse.
Similarity: Belongs to the recoverin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506459
NCBI GeneID	5957
NCBI Accession #	NP_002894.1
NCBI GenBank Nucleotide #	NM_002903.2
UniProt Accession #	P35243; Q53XL0
Molecular Weight	Observed: 23 kD Predicted: 24 kDa
NCBI Official Full Name	recoverin
NCBI Official Synonym Full Names	recoverin
NCBI Official Symbol	RCVRN
NCBI Official Synonym Symbols	RCV1
NCBI Protein Information	recoverin
UniProt Protein Name	Recoverin
UniProt Gene Name	RCVRN
UniProt Synonym Gene Names	RCV1; Protein CAR

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/recoverin-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/323866>