

ARG43880 anti-Recoverin antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Recoverin
Tested Reactivity	Hu
Tested Application	ELISA, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Recoverin
Species	Human
Immunogen	Human Recoverin recombinant protein
Conjugation	Un-conjugated
Alternate Names	RCVRN; Recoverin; RCV1; Cancer-Associated Retinopathy Protein; Cancer Associated Retinopathy Antigen; Protein CAR

Application Instructions

Application table	Application	Dilution
	ELISA	0.1-0.5 µg/ml
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

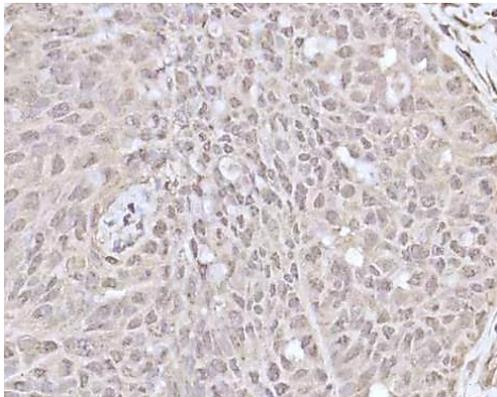
Properties

Form	Liquid
Purification	Affinity purified with Immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

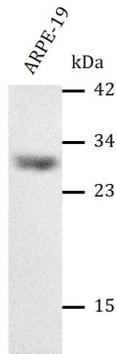
Gene Symbol	RCVRN
Gene Full Name	Recoverin
Background	This gene encodes a member of the recoverin family of neuronal calcium sensors. The encoded protein contains three calcium-binding EF-hand domains and may prolong the termination of the phototransduction cascade in the retina by blocking the phosphorylation of photo-activated rhodopsin. Recoverin may be the antigen responsible for cancer-associated retinopathy.
Function	Plays a role in scotopic vision/enhances vision in dim light by enhancing signal transfer between rod photoreceptors and rod bipolar cells
Calculated Mw	23 kDa
PTM	Disulfide bond; Lipoprotein; Myristate; Oxidation
Cellular Localization	Cell projection; Membrane

Images



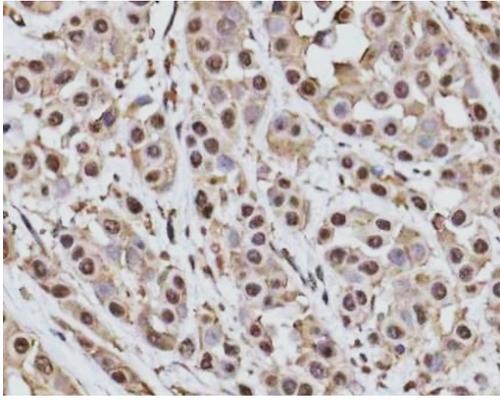
ARG43880 anti-Recoverin antibody IHC-P image

Immunohistochemistry: Human ovarian cancer stained with ARG43880 anti-Recoverin antibody at 2 µg/ml dilution.



ARG43880 anti-Recoverin antibody WB image

Western blot: ARPE-19 stained with ARG43880 anti-Recoverin antibody at 0.5 µg/mL dilution.



ARG43880 anti-Recoverin antibody IHC-P image

Immunohistochemistry: Human breast cancer stained with ARG43880 anti-Recoverin antibody at 2 $\mu\text{g}/\text{ml}$ dilution.