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Datasheet for ABIN1104021
anti-RPE antibody

Overview

Quantity:	1 mg
Target:	RPE
Reactivity:	Red algae (Gracilaria)
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This RPE antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Immunogen:	This affinity purified antibody was prepared from whole goat serum produced by repeated immunizations with highly purified R-Phycoerythrin from the seaweed gracilaria. Type of Immunogen: Purified protein
Isotype:	IgG
Specificity:	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum and R-Phycoerythrin conjugated IgG. This antibody will cross react with B-Phycoerythrin. Reactivity with other phycobiliproteins is unknown.
Purification:	Immunoaffinity purified
Sterility:	Sterile filtered

Target Details

Target: RPE

Alternative Name: RPE ([RPE Products](#))

Background: Name/Gene ID: RPE

Synonyms: RPE, Ribulose-phosphate 3-epimerase, RPE2-1

Gene ID: 6120

UniProt: [Q96AT9](#)

Application Details

Application Notes: Approved: ELISA, Flo, IHC (1:1000 - 1:5000), WB (1:2000 - 1:10000)

Usage: Suitable for ELISA, western blotting, fluorescent assays, immunoprecipitation, immunodiffusion, conjugation to magnetic particles (beads) and most other immunological methods requiring lot-to-lot consistency, high titer and specificity. Although not specifically tested, this reagent should also be useful for FACS and other fluorescent immunoassays. R-Phycoerythrin (240 kD) is a labile molecule that may dissociate into components upon exposure to reducing or denaturing agents. Reaction with low molecular fragments is typically noted by western blot.

Comment: Target Species of Antibody: Gracilaria

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: 0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01 % sodium azide, sterile filtered

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: avoid freeze thaw cycles.

Storage: 4 °C, -20 °C

Handling

Storage Comment: Short term 4°C, long term aliquot and store at -20°C, avoid freeze-thaw cycles.