

Datasheet for ABIN1104027

anti-RPE antibody (Alkaline Phosphatase (AP))[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	RPE
Reactivity:	Red algae (Gracilaria)
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This RPE antibody is conjugated to Alkaline Phosphatase (AP)
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

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, IHC (1:200 - 1:1000), WB (1:500 - 1:2500) Usage: Suitable for immunoblotting (western or dot blot), ELISA and immunohistochemistry as well as other phosphatase-antibody based enzymatic assays requiring lot-to-lot consistency. 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. The applications listed have been tested for the unconjugated form of this product. Other forms have not been tested.
Comment:	Target Species of Antibody: Gracilaria
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	0.05 M Tris chloride, 0.15 M sodium chloride, 1 mM magnesium chloride, 0.1 mM zinc chloride, pH 8.0, 50 % glycerol, 1 % BSA, 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:	Do not freeze.
Storage:	4 °C

Handling

Storage Comment: Store at 4°C. Do not freeze.