

Datasheet for ABIN1104022 **anti-RPE antibody (HRP)**

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Overview

Quantity:	1 mg
Target:	RPE
Reactivity:	Red algae (Gracilaria)
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This RPE antibody is conjugated to HRP
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

Target Details

Target:	RPE
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Target Details

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 (1:500 - 1:2000), WB (1:2000 - 1:10000) Usage: Suitable for immunoblotting (western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency. 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
Reconstitution:	deionized water
Concentration:	Lot specific
Buffer:	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 1 % BSA, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	avoid freeze thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Short term 4°C, long term aliquot and store at -20°C, avoid freeze-thaw cycles.