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RPE antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI13993

Product Information

Application	WB, IHC
Primary Accession	Q96AT9
Other Accession	NM_006915, NP_954699
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Zebrafish, Chicken, Dog, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	24928

Additional Information

Gene ID	6120
Alias Symbol	MGC2636, RPE2-1
Other Names	Ribulose-phosphate 3-epimerase, 5.1.3.1, Ribulose-5-phosphate-3-epimerase, RPE
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-RPE antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	RPE antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

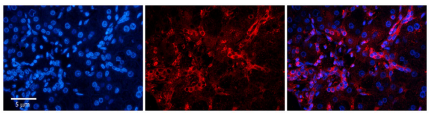
Name	RPE
Function	Catalyzes the reversible epimerization of D-ribulose 5- phosphate to D-xylulose 5-phosphate.

References

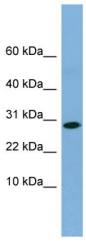
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hillier L.W.,et al.Nature 434:724-731(2005).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Stanchi F.,et al.Yeast 18:69-80(2001).
Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).

Images



Rabbit Anti-RPE Antibody
Catalog Number: AI13993
Formalin Fixed Paraffin Embedded Tissue: Human Adult Liver Observed Staining: Cytoplasm but only in connective tissue cells in the interlobular septum, very low tissue distribution
Primary Antibody
Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody
Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 â€“ 2.0 sec
Protocol located in Reviews and Data.



WB Suggested Anti-RPE Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:312500
Positive Control: Human Muscle

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.