

RPE antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI13993**Specification**

RPE antibody - middle region - Product Information

Application	IHC, WB
Primary Accession	O96AT9
Other Accession	NM_006915 , NP_954699
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Rabbit, Chicken, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25kDa KDa

RPE antibody - middle region - 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.

RPE antibody - middle region - Protein Information**Name** RPE**Function**

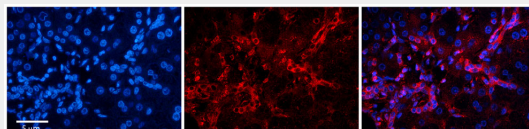
Catalyzes the reversible epimerization of D-ribulose 5- phosphate to D-xylulose 5-phosphate.

RPE antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RPE antibody - middle region - 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

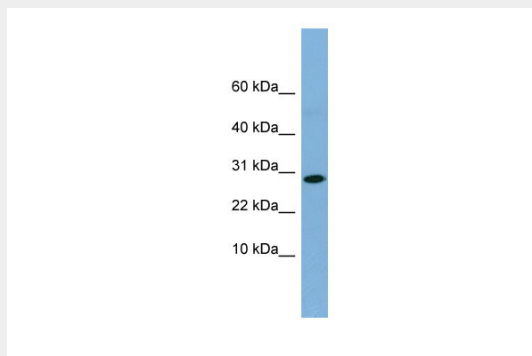
Secondary Antibody

Concentration: 1:200

Magnification: 20X

Exposure Time: 0.5 – 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

RPE antibody - middle region - 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).