

Rabbit RPE Polyclonal Antibody | anti-RPE antibody

Anti-RPE Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA264600	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

RPE; Polyclonal Antibody; Anti-RPE Antibody; Ribulose-phosphate 3-epimerase; Ribulose-5-phosphate-3-epimerase; anti-RPE antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of RPE protein.
Purity/Purification	Purified by Immunogen Affinity Chromatography
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Applicable Applications for anti-RPE antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human RPE. The exact sequence is proprietary.
Preparation and Storage	Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of RPE staining in L929 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



WB (Western Blot)

Western blot analysis of RPE expression in HeLa (A), mouse heart (B), rat brain (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-RPE antibody	Rabbit polyclonal antibody to RPE
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NCBI AND UNIPROT INFORMATION

NCBI GI #	506949360
NCBI GeneID	6120
NCBI Accession #	NP_001265211.1

NCBI GenBank Nucleotide #	NM_001278282.1
UniProt Accession #	Q96AT9; Q8VEE0
Molecular Weight	17,570 Da
NCBI Official Full Name	ribulose-phosphate 3-epimerase isoform 2
NCBI Official Synonym Full Names	ribulose-5-phosphate-3-epimerase
NCBI Official Symbol	RPE
NCBI Official Synonym Symbols	RPE2-1
NCBI Protein Information	ribulose-phosphate 3-epimerase
UniProt Protein Name	Ribulose-phosphate 3-epimerase
UniProt Gene Name	RPE
UniProt Entry Name	RPE_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/rpe-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/264600>