

RPE65 Polyclonal Antibody | anti-RPE65 antibody

Anti-RPE65 Antibody

CATALOG # AAA263721	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunocytochemistry, Immunofluorescence, Western Blot
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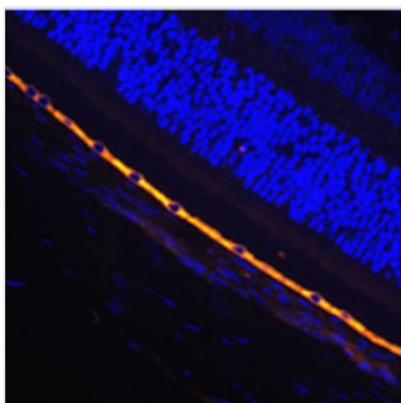
PRODUCT SYNONYMS

RPE65; Polyclonal Antibody; Anti-RPE65 Antibody; Retinoid isomerohydrolase; All-trans-retinyl-palmitate hydrolase; Retinal pigment epithelium-specific 65 kDa protein; Retinol isomerase; anti-RPE65 antibody

PRODUCT SPECIFICATIONS

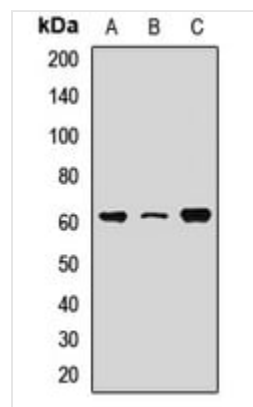
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of RPE65 protein.
Purity/Purification	Purified by immunogen affinity chromatography
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	533
Applicable Applications for anti-RPE65 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant full length protein of human RPE65
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 RPE65 staining in rat eye. Formalin-fixed cells were permeabilized with 0.1% TritonX-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 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of RPE65 expression in Hela (A), mouse heart (B), rat brain (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-RPE65 antibody	Rabbit polyclonal antibody to RPE65
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506591
NCBI GeneID	6121
NCBI Accession #	NP_000320.1
NCBI GenBank Nucleotide #	NM_000329.2
UniProt Accession #	Q16518; Q5T9U3; A8K1L0
NCBI Official Full Name	retinoid isomerohydrolase
NCBI Official Synonym Full Names	RPE65, retinoid isomerohydrolase
NCBI Official Symbol	RPE65
NCBI Official Synonym Symbols	p63; BCO3; LCA2; RP20; rd12; mRPE65; sRPE65
NCBI Protein Information	retinoid isomerohydrolase
UniProt Protein Name	Retinoid isomerohydrolase
UniProt Gene Name	RPE65

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/rpe65-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/263721>