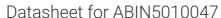
antibodies .- online.com





anti-RPE65 antibody (Alexa Fluor 750)



Go to Product page

()	1/0	r\ /1	OIA
()	$\lor \vdash$	I V I	ew

Quantity:	100 μL	
Target:	RPE65	
Reactivity:	Human, Rat, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This RPE65 antibody is conjugated to Alexa Fluor 750	
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RPE65
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	RPE65	
Alternative Name:	RPE65 (RPE65 Products)	
Background:	Synonyms: All-trans-retinyl-palmitate hydrolase, LCA 2, LCA2, Leber congenital amaurosis,	
	mRPE 65, mRPE65, p63, rd 12, rd12, Retinal pigment epithelium specic 61 kDa protein, Retinal	
	pigment epithelium specic 65 kDa protein, Retinal pigment epithelium specic protein, Retinal	

pigment epithelium specic protein 65 kDa, Retinal pigment epithelium-specic 65 kDa protein,

Retinitis pigmentosa 20, Retinoid isomerohydrolase, RP 20, RP20, RPE 65, RPE65, RPE65_HUMAN, sRPE 65, sRPE65.

Background: The retinal pigment epithelium (RPE) is a monolayer simple epithelium in proximity to the outer surface of the retinal photoreceptor cells. Retinal pigment epithelium-specific protein (RPE65) is a 65 kDa protein belonging to the _-carotene dioxygenase family. This protein is important in 11-cis retinal production as well as in visual pigment regeneration. RPE65 is attached to the membrane by a lipid anchor when palmitoylated (membrane form) and soluble when unpalmitoylated. The soluble form of the protein binds vitamin A. Defects in RPE65 causes autosomal dominant retinitis pigmentosa and/or Leber congenital amaurosis type 2.

Application Details

Expiry Date:

12 months

Application Notes:	IF(IHC-P) 1:50-200	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.	