

For Research Use Only

CoraLite® Plus 488-conjugated RPE65 Polyclonal antibody



Catalog Number:CL488-17939

Basic Information

Catalog Number: CL488-17939	GenBank Accession Number: BC075036	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 6121	Recommended Dilutions: IF 1:50-1:500
Source: Rabbit	Full Name: retinal pigment epithelium-specific protein 65kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG	Calculated MW: 533 aa, 61 kDa	
Immunogen Catalog Number: AG12356	Observed MW: 65 kDa, 61 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : mouse eye tissue,
Species Specificity: human, mouse, rat	

Background Information

RPE65(Retinal pigment epithelium-specific 65 kDa protein) is also named as retinoid isomerohydrolase with the calculated molecular weight of 61 kDa and belongs to the carotenoid oxygenase family. It is a microsomal protein with isomerase activity in the retinoid visual cycle that playing a role in the isomerisation of all-trans (vitamin A) to 11-cis retinal, the chromophore of the visual pigments. It also might be involved in retinoid uptake of keratinocytes.

Storage

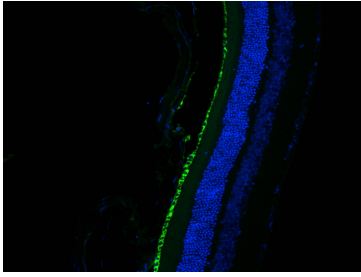
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse eye tissue using CoraLite® Plus 488 RPE65 antibody (CL488-17939) at dilution of 1:200.