

anti- RPE65 antibody

Product Information

Catalog No.:	FNab07401
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Plays important roles in the production of 11-cis retinal and in visual pigment regeneration. The soluble form binds vitamin A(all-trans-retinol), making it available for LRAT processing to all-trans-retinyl ester. The membrane form, palmitoylated by LRAT, binds all-trans-retinyl esters, making them available for IMH(isomerohydrolase) processing to all-cis-retinol. The soluble form is regenerated by transferring its palmitoyl groups onto 11-cis-retinol, a reaction catalyzed by LRAT. The enzymatic activity is linearly dependent of the expression levels and membrane association.

Immunogen information

Immunogen:	retinal pigment epithelium-specific protein 65kDa
Synonyms:	LCA2, mRPE65, rd12, Retinoid isomerohydrolase, Retinol isomerase, RP20, RPE65, sRPE65
Observed MW:	65kd,61kd
Uniprot ID :	Q16518

Application

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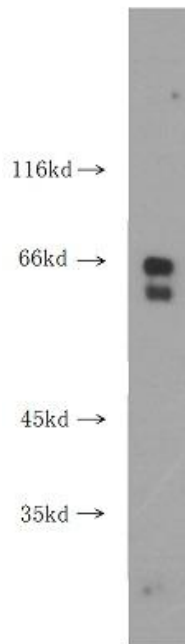
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Reactivity: Human, Mouse, Rat

Tested Application: ELISA, WB

Recommended dilution: WB: 1:500-1:5000

Image:



Y79 cells were subjected to SDS PAGE followed by western blot with FNab07401(RPE65 antibody) at dilution of 1:600

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