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RPE65 (YD19757) Rabbit mAb

货号: **AYD14454**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC-P IP
推荐浓度	
理论分子量	61kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse eye
细胞定位	Cytoplasm, Cell membrane, Microsome membrane
纯化	亲和纯化

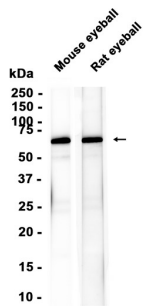
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靶点信息

研究背景	This gene encodes a protein which is located in the retinal pigment epithelium and is involved in the production of 11-cis retinal and in visual pigment regeneration. There are two forms of this protein, a soluble form called sRPE65, and a palmitoylated, membrane-bound form known as mRPE65. mRPE65 serves as the palmitoyl donor for lecithin retinol acyl transferase (LRAT), the enzyme that catalyzes the vitamin A to a 11 trans retinol step of the chromophore regeneration process. Both mRPE65 and sRPE65 also serve as regulatory proteins, with the ratio and concentrations of these molecules playing a role in the inhibition of 11-cis retinal synthesis. Mutations in this gene have been associated with Leber congenital amaurosis type 2 (LCA2) and retinitis pigmentosa.
基因ID	6121
基因名	RPE65
Swiss	Q16518 (https://www.uniprot.org/uniprotkb/Q16518/entry)
别名	RPE65 (YD19757),RPE65 (YD19757) Rabbit mAb,RPE65,All-trans-retinyl-palmitate hydrolase,Lutein isomerase,Meso-zeaxanthin isomerase,Retinal pigment epithelium-specific 65 kDa protein,Retinol isomerase

产品验证



实验步骤

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