

Product Datasheet

RPE65 Antibody

Catalog No: CY6830

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IP



www.abways.com

Information

UniProt ID: Q16518

All Names: All-trans-retinyl-palmitate hydrolase; LCA2; Leber congenital amaurosis; mRPE65; p63; rd12; Retinal pigment epithelium specific 61 kDa protein; Retinal pigment epithelium specific 65 kDa protein; Retinitis pigmentosa 20; Retinoid isomerohydrolase; RP20; RPE65; sRPE65;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 61 kDa

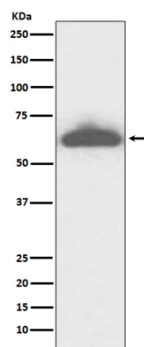
Application

WB 1:500~1:2000

IP 1:50

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.



Western blot analysis of RPE65 expression in mouse eyeball lysate.

For Research Use Only. Not For Use In Diagnostic Procedures.

www.abways.com