

## RPE65 [401.8B11.3D9] Antibody | anti-RPE65 antibody

Anti-RPE65 [401.8B11.3D9], Monoclonal Antibody, Mouse

|                              |                                           |                                                                                                    |
|------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA76411</b> | REACTIVITY<br><b>Bovine, Human, Mouse</b> | APPLICATIONS<br><b>Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry</b> |
|------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------|

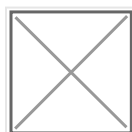
### PRODUCT SYNONYMS

RPE65 [401.8B11.3D9]; Anti-RPE65 [401.8B11.3D9]; Monoclonal Antibody; Mouse; anti-RPE65 antibody

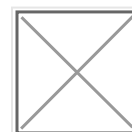
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                   |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Reactivity                                      | Bovine, Human, Mouse                                                                              |
| Form/Format                                     | Protein G Purified - Ascites Fluid                                                                |
| Applicable Applications for anti-RPE65 antibody | WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry) |
| Type Info                                       | Mouse IgG                                                                                         |
| Immunogen                                       | Bovine RPE microsomal membrane proteins.                                                          |

### IMAGES



Application Data



Application Data

Image: RPE65 staining of mouse retina tissue.

### ADDITIONAL INFORMATION

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|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-RPE65 antibody | Highly conserved among vertebrate species, RPE65 is a major protein of the retinal pigment epithelium (RPE). RPE65 is essential for the regeneration of rhodopsin in the visual cycle. Mutations in RPE65 are responsible for certain forms of autosomal recessive severe retinal dystrophy, including Leber Congenital Amaurosis (LCA). Loss of function results in a block in retinoid processing required for the synthesis of 11-cis retinal and the accumulation of retinyl esters in the RPE. |
| Product Categories/Family for anti-RPE65 antibody   | <a href="#">Antibodies</a> ; <a href="#">Vision and Retina</a> ; <a href="#">RPE65 [401.8B11.3D9]</a>                                                                                                                                                                                                                                                                                                                                                                                               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/bovine-human-mouse-ovine-antibody/rpe65-401-8b11-3d9/76411>