



## International Office

### Everest Biotech Ltd

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB08369 - Goat Anti-RPE65 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** mRPE65, sRPE65, retinal pigment epithelium-specific protein 65kDa, LCA2, RP20, rd12, RBP-binding membrane protein, p63, retinal pigment epithelium-specific 61 kDa protein, retinal pigment epithelium-specific protein (65kD), retinitis pigmentosa 20

**Official Symbol:** RPE65

**Accession Number(s):** NP\_000320.1

**Human GeneID(s):** [6121](#)

### Immunogen

Peptide with sequence C-EVKKNARKAPQPE, from the internal region of the protein sequence according to NP\_000320.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:32000.

**Western blot:** Approx 65kDa band observed in Rat Retina lysates (calculated MW of 60.9kDa according to Human NP\_000320.1 and 61.0kDa according to Rat NP\_446014.1). Recommended concentration: 0.5-1.5µg/ml. Primary incubation was 1 hour.

### Species Reactivity

**Tested:** Rat

**Expected from sequence similarity:** Human, Rat, Dog



EB08369 (0.1µg/ml) staining of Rat Retina lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.