

#### **UK Office**

Everest Biotech Ltd Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD UK

Enquiries: info@everestbiotech.com Sales: sales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: +44 (0)1869 238326 Fax: +44 (0)1869 238327

# **US Office**

#### Everest Biotech c/o Abcore

405 Maple Street, Suite A106 Ramona, CA 92065 USA

Inquiries: info@everestbiotech.com Sales: usasales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: 888-320-4628 (toll-free) Fax: 888-841-9041

www.everestbiotech.com

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 GenelD(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**

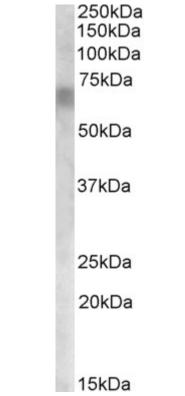
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

# **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.