

#### **International Office**

#### **Everest Biotech Ltd**

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

**Customer Service:** 

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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# EB08149 - Goat Anti-CRYAB Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

Principal Names: CRYAB, crystallin, alpha B, CRYA2, CTPP2, HSPB5, heat-shock 20

kD like-protein

Official Symbol: CRYAB

Accession Number(s): NP\_001876.1

Human GeneID(s): 1410

Non-Human GenelD(s): 12955 (mouse), 25420 (rat)

### **Immunogen**

Peptide with sequence C-RLEKDRFSVNLD, from the internal region of the protein sequence according to NP\_001876.1.

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 1:128000.

Western blot: Approx 22kDa band observed in Mouse and Rat Eye lysates (calculated

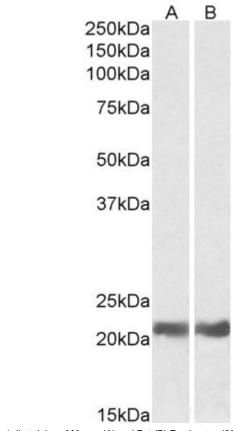
MW of 20.1kDa according to Mouse NP\_034094.1 and Rat NP\_037067.1).

Recommended concentration: 0.03-0.1-µg/ml.

### **Species Reactivity**

Tested: Mouse, Rat

Expected from sequence similarity: Human, Mouse, Rat



EB08149 (0.05μg/ml) staining of Mouse (A) and Rat (B) Eye lysates (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.