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

## 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 GeneID(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 (0.05 $\mu$ g/ml) staining of Mouse (A) and Rat (B) Eye lysates (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.