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