

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.

EB08149 - Goat Anti-CRYAB Antibody

Size: 100µg specific antibody in 200µl

C

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 GenelD(s): <u>1410</u> 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.

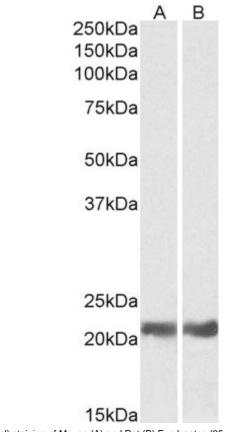
Aliquot and store at -20°C. Minimize freezing and thawing.

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.