

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:

 $\underline{usasales@everest biotech.com}$

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



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

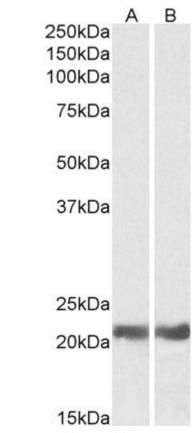
MW of 20.1kDa according to Mouse NP_034094.1 and Rat NP_037067.1).

Recommended concentration: 0.03-0.1-µg/ml.

Species Reactivity

Tested: Mouse, Rat

Expected from sequence similarity: Human, Mouse, Rat



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