

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

www.everestbiotech.com

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diagnostic or therapeutic use.**

EB08147 - Goat Anti-COL4A3BP (aa662-672) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: COL4A3BP, collagen, type IV, alpha 3 (Goodpasture antigen) binding protein, CERT, CERTL, FLJ20597, GPBP, STARD11, Goodpasture antigen-binding protein, START domain containing 11, alpha 3 type IV collagen binding protein, ceramide transporter

Official Symbol: COL4A3BP

Accession Number(s): NP_005704.1; NP_112729.1

Human GeneID(s): [10087](#)

Non-Human GeneID(s): 68018 (mouse)

Important Comments: This antibody is expected to recognise both reported isoforms (NP_005704.1 and NP_112729.1)

Immunogen

Peptide with sequence DHDSAPLNNRC, from the internal region of the protein sequence according to NP_005704.1; NP_112729.1 .

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 1:32000.

Western blot: Approx 60kDa band observed in mouse heart lysates (calculated MW of 71.1kDa according to mouse NP_075909.1 and 60.0kDa according to human NP_112729.1). Recommended concentration: 0.5-1.5µg/ml. An additional band of unknown identity was also consistently observed at 26kDa. This band was successfully blocked by incubation with the immunising peptide. We would appreciate any feedback from people in the field - have any such results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested: Mouse

Expected from sequence similarity: Human, Mouse



EB08147 (0.5µg/ml) staining of mouse heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.