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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: CERT1

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

Human GeneID(s): 10087

Non-Human GenelD(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

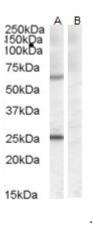
Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 60-65kDa band observed in Mouse Heart lysates (calculated MW of 71.1kDa according to Mouse NP_075909.1). An additional band of unknown identity was also consistently observed at 25kDa. Both bands were successfully blocked by incubation with the immunising peptide. Recommended concentration: 0.3-1μg/ml. Primary incubation 1 hour at room temperature.

Species Reactivity

Tested: Mouse

Expected from sequence similarity: Human, Mouse



EB08147 (0.5μg/ml) staining of Mouse Heart lysate (A) + peptide (B) (35μg protein in RIPA buffer). Detected by chemiluminescence.