



## International Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB08911 - Goat Anti-COL4A3BP (aa396-411) 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, StAR-related lipid transfer (START) domain containing 11, alpha 3 type IV collagen binding protein, ceramide transporter, lipid-transfer protein CERTL

**Official Symbol:** CERT1

**Accession Number(s):** NP\_005704.1; NP\_112729.1

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

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_005704.1; NP\_112729.1).

### Immunogen

Peptide with sequence C-KREDSWQKRLDKETEK, 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

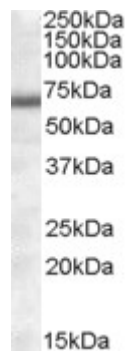
**Peptide ELISA:** antibody detection limit dilution 1:2000.

**Western blot:** Approx. 70kDa band observed in Human Heart lysates (calculated MW of 70.8kDa according to NP\_005704.1). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human, Dog, Cow



EB08911 (1µg/ml) staining of Human Heart lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.