

#### **International Office**

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# EB09795-B - Goat Anti-TGFBI, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

**Principal Names:** BIGH3, CDB1, CDG2, CDGG1, CSD, CSD1, CSD2, CSD3, EBMD, kerato-epithelin, LCD1, RGD-containing collagen-associated protein, transforming growth

factor, beta-induced, 68kDa, TGFBI

Official Symbol: TGFBI

Accession Number(s): NP\_000349.1

Human GenelD(s): 7045

Non-Human GenelD(s): 21810 (mouse), 24511 (rat)

### **Immunogen**

Peptide with sequence C-QLYTDRTEKLRPE., from the internal region of the protein sequence according to NP\_000349.1.

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 70kDa band observed in Human Kidney lysates (calculated MW of 74.7kDa according to Human NP\_000349.1). Recommended concentration: 0.2-0.5µg/ml.

## **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

Biotinylated EB09795 (0.3μg/ml) staining of Human Kidney lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.