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

EB09795 - Goat Anti-TGFBI 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 GeneID(s): [7045](#)

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

Immunogen

Peptide with sequence C-QLYTDRTKLRPE, 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.

IHC: In paraffin embedded Kidney shows staining of intercalated cells of a collecting tubule. Recommended concentration: 4-6µg/ml.

Species Reactivity

Tested: Human

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

Specific Reference

This antibody has been successfully used in IHC on Rat:

Dan Ding, Yimei Du, Zhihua Qiu, Sen Yan, Fen Chen, Min Wang, Shijun Yang, Yanzhao Zhou, Xiajun Hu, Yihuan Deng, Shijia Wang, Liangping Wang, Hongrong Zhang, Hailang Wu, Xian Yu, Zihua Zhou, Yuhua Liao & Xiao Chen.

Vaccination against type 1 angiotensin receptor prevents streptozotocin-induced diabetic nephropathy.

J Mol Med (Berl). 2016 Feb;94(2):207-18

PMID: 26407577

EB09795 (0.3µg/ml) staining of Human Kidney lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

EB09795 (3.8µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.