

Goat anti-TGFBI Antibody

Item Number	dAP-2019
Target Molecule	Principle Name: TGFBI; Official Symbol: TGFBI; All Names and Symbols: TGFBI; transforming growth factor, beta-induced, 68kDa; BIGH3; CDB1; CDG2; CDGG1; CSD; CSD1; CSD2; CSD3; EBMD; LCD1; RGD-containing collagen-associated protein; kerato-epithelin; Accession Number (s): NP_000349.1; Human Gene ID(s): 7045; Non-Human GeneID(s): 21810 (mouse) 24511 (rat)
Immunogen	QLYTDRTEKLRPE, is from internal region
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	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	Immunohistochemistry: In paraffin embedded Kidney shows staining of intercalated cells of a collecting tubule. Recommended concentration: 4-6µg/ml.
Reference	Reference(s): Zenteno JC, Correa-Gomez V, Santacruz-Valdez C, Suarez-Sanchez R, Villanueva-Mendoza C, Clinical and genetic features of TGFBI-linked corneal dystrophies in Mexican population: description of novel mutations and novel genotype-phenotype correlations. Experimental eye research 2009

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**