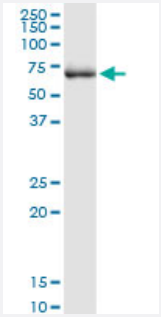
MaxPab®

TGFBI MaxPab rabbit polyclonal antibody (D01)

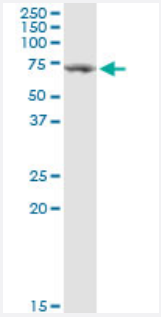
Catalog # H00007045-D01 Size 100 uL

Applications



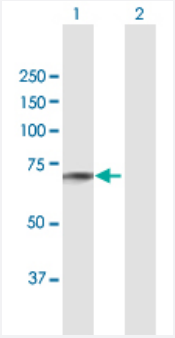
Western Blot (Tissue lysate)

TGFBI MaxPab rabbit polyclonal antibody. Western Blot analysis of TGFBI expression in human pancreas.



Western Blot (Cell lysate)

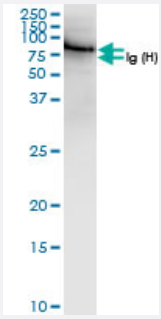
TGFBI MaxPab rabbit polyclonal antibody. Western Blot analysis of TGFBI expression in HeLa.



Western Blot (Transfected lysate)

Western Blot analysis of TGFBI expression in transfected 293T cell line (H00007045-T02) by TGFBI MaxPab polyclonal antibody.

Lane 1: TGFBI transfected lysate(74.70 KDa).
Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of TGFBI transfected lysate using anti-TGFBI MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with TGFBI MaxPab rabbit polyclonal antibody (D01) (H00007045-D01).

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human TGFBI protein.
Immunogen	TGFBI (AAH00097.1, 1 a.a. ~ 683 a.a) full-length human protein.
Sequence	MALFVRLLALALALALGPAATLAGPAKSPYQLVLQHSRLRGRQHGPNVCAVQKVIGTNRKYFTNC KQWYQRKICGKSTVISYECCPGYEKVPGEKGCPAALPLSNLYETLGVVGSTTTQLYTDRTEKLRPE MEGPGSFTIFAPSNEAWASLPAEVLDSLVSNVNIELLNALRYHMVGRRVLTDELKHGMTLTSMYQ NSNIQIHHYPNGIVTVNCARLLKADHHATNGVVHLIDKVISTITNNIQQIIEIEDTFETLRAAVAASGLNT MLEGNGQYTLLAPTNEAFEKIPSETLNRILGDPEALRDLLNNHILKSAMCAEAIVAGLSVETLEGTTL EVGCSGDMLTINGKAIISNKDILATNGVIHYIDELLIPDSAKTLFELAAESDVSTAIDLFRQAGLGNHLS GSERLTLLAPLNSVFKDGTPPIDAHTRNLLRNHIIKDQLASKYLYHGQTLETLGGKKLRVFVYRNSL CIENSCIAAHDKRGRYGTLFTMDRVLTPPMGTVMDVLKGDNRFSMLVAAIQSAGLTETLNREGVYT VFAPTNEAFRALPPRERSRLLGDAKELANILKYHIGDEILVSGGIGALVRLKSLQGDKLEVSLKNNV VSVNKEPVAEPDIMATNGVVHVITNVLQPPANRPQERGDELADSALEIFKQASAFSRASQRSVRL APVYQKLLERMKH
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91); Rat (90)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

  TGFBI MaxPab rabbit polyclonal antibody. Western Blot analysis of TGFBI expression in human pancreas.

  Protocol Download

- Western Blot (Cell lysate)

  TGFBI MaxPab rabbit polyclonal antibody. Western Blot analysis of TGFBI expression in HeLa.

  Protocol Download

- Western Blot (Transfected lysate)

  Western Blot analysis of TGFBI expression in transfected 293T cell line (H00007045-T02) by TGFBI MaxPab polyclonal antibody.

  Lane 1: TGFBI transfected lysate(74.70 KDa).
  Lane 2: Non-transfected lysate.

  Protocol Download

- Immunoprecipitation

  Immunoprecipitation of TGFBI transfected lysate using anti-TGFBI MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with TGFBI MaxPab rabbit polyclonal antibody (D01) (H00007045-D01).

  Protocol Download

Gene Info — TGFBI

Entrez GeneID	7045
GeneBank Accession#	NM_000358.1
Protein Accession#	AAH00097.1
Gene Name	TGFBI
Gene Alias	BIGH3, CDB1, CDG2, CDGG1, CSD, CSD1, CSD2, CSD3, EBMD, LCD1
Gene Description	transforming growth factor, beta-induced, 68kDa
Omim ID	121820 121900 122200 601692 602082 607541 608470 608471
Gene Ontology	Hyperlink

Gene Summary	This gene encodes an RGD-containing protein that binds to type I, II and IV collagens. The RGD motif is found in many extracellular matrix proteins modulating cell adhesion and serves as a ligand recognition sequence for several integrins. This protein plays a role in cell-collagen interactions and may be involved in endochondrial bone formation in cartilage. The protein is induced by transforming growth factor-beta and acts to inhibit cell adhesion. Mutations in this gene are associated with multiple types of corneal dystrophy. [provided by RefSeq
Other Designations	RGD-containing collagen-associated protein|kerato-epithelin

Disease

- Cardiovascular Diseases
- Corneal Dystrophies
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease