

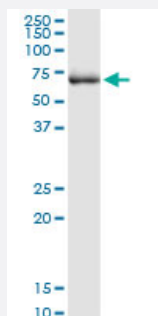
MaxPab®

TGFBI purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00007045-D01P

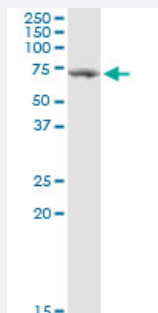
Size 100 ug

Applications



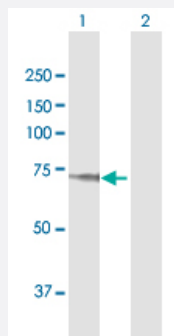
Western Blot (Tissue lysate)

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.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human TGFBI protein.

Immunogen	TGFB1 (AAH00097.1, 1 a.a. ~ 683 a.a) full-length human protein.
Sequence	MALFVRLALALALALGPAATLAGPAKSPYQLVLQHSRLRGRQHGPNVCAVQKVIGTNRKYFTNC KQWYQRKICGKSTVISYECCPGYEKVPGEKGCPAALPLSNLYETLGVVGSTTTQLYTDRTKLRPE MEGPGSFTIFAPSNEAWASLPAEVLDSLVSNNIELLNALRYHMGRRVLTDELKHGMTLTSMYQ NSNIQIHYPNGIVTVNCARLLKADHHATNGVVHLIDKVISTITNNIQQIEIEDTFETLRAAVAASGLNT MLEGNGQYTLLAPTNEAFKIPSETLNRILGDPEALRDLLNNHILKSAMCAEAVAGLSVETLEGTTL EVGCSGDMLTNGKAIISNKDILATNGVIHYDELLIPDSAKTLFELAAESDVSTAILFRQAGLGNHLS GSERLTLLAPLNSVFKDGTTPIDAHTRNLLRNHIIKDQLASKYLYHGQTLETGGKKLRVVFYRNSL CIENSCIAAHDKRGYGLFTMDRVLTPPMGTVMVDVLKGDNRFSMLVAAIQSAGLTETLNREGVYT VFAPTNEAFRALPPRERSRLLGDAKELANILKYHIGDEILVSGGIGALVRLKSLQGDKLEVSLKNNV VSVNKEPVAEPDIMATNGVVHVITNVLPANRPQERGDELADSALEIFKQASAFSRASQRSVRL APVYQKLLERMKH
Host	Rabbit
Reactivity	Human
Interspecies Antigen Sequence	Mouse (91); Rat (90)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

TGFB1 MaxPab rabbit polyclonal antibody. Western Blot analysis of TGFB1 expression in human pancreas.

[Protocol Download](#)

- Western Blot (Cell lysate)

TGFB1 MaxPab rabbit polyclonal antibody. Western Blot analysis of TGFB1 expression in HeLa.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of TGFB1 expression in transfected 293T cell line ([H00007045-T02](#)) by TGFB1 MaxPab polyclonal antibody.

Lane 1: TGFB1 transfected lysate(74.70 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — TGFB1

Entrez GeneID [7045](#)

GeneBank Accession# [NM_000358.1](#)

Protein Accession# [AAH00097.1](#)

Gene Name TGFB1

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](#)