

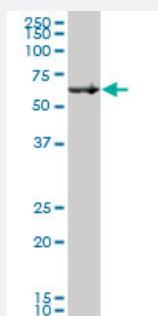
MaxPab®

TGFBI purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00007045-B01P

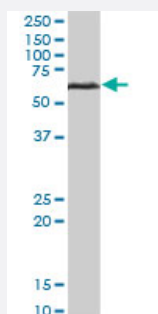
Size 50 ug

Applications



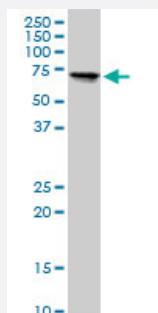
Western Blot (Tissue lysate)

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



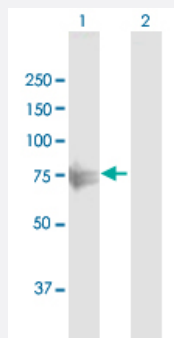
Western Blot (Tissue lysate)

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



Western Blot (Cell lysate)

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



Western Blot (Transfected lysate)

Western Blot analysis of TGFB1 expression in transfected 293T cell line ([H00007045-T01](#)) by TGFB1 MaxPab polyclonal antibody.

Lane 1: TGFB1 transfected lysate(75.13 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human TGFB1 protein.

Immunogen

TGFB1 (AAH00097, 1 a.a. ~ 683 a.a) full-length human protein.

Sequence

MALFVRLALALALALGPAATLAGPAKSPYQLVLQHSRLRGRQHGPNVCAVQKVIGTNRKYFTNC
KQWYQRKICGKSTVISYECCPGYEKVPGEKGCAPALPLSNLYETLGVVGSTTTQLYDRTEKLRPE
MEGPGSFTIFAPSNEAWASLPAEVLDSLVSNNIELLNALRYHMGRRVLTDELKHGMTLTSMYQ
NSNIQIHYPNGIVTVNCARLLKADHHATNGVVHLIDKVISTITNNIQQIIEIDTFETLRAAVAASGLNT
MLEGNGQYTLLAPTNEAFKIPSETLNRILGDPEALRDLLNNHILKSAMCAEAMAGLSVETLEGTTL
EVGCSGDMLTINGKAIISNKDILATNGVIHYDELLIPDSAKTLFELAAESDVSTAILFRQAGLGNHLS
GSERLTLLAPLNSVFKDGTTPIDAHTRNLLRNHIIKDQLASKYLYHGQTLETLGGKKLRVFVYRNSL
CIENSCIAAHDKRGRYGTFTMDRVLTTPPMGTVMVDVLKGDNRFSMLVAAIQSAGLTETLNREGVYT
VFAPTNEAFRALPPRERSRLLDGAKELANILKYHIGDEILVSGGIGALVRLKSLQGDKEVSLKNNV
VSVNKEPVAEPDIMATNGVVHVITNVLQPPANRPQERGDELADSALEIFKQASAFSRASQRSVRL
APVYQKLLERMKH

Host

Mouse

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)

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

[Protocol Download](#)

- Western Blot (Tissue lysate)

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

[Protocol Download](#)

- Western Blot (Cell lysate)

TGFBI MaxPab 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-T01](#)) by TGFBI MaxPab polyclonal antibody.

Lane 1: TGFBI transfected lysate(75.13 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — TGFBI

Entrez GeneID [7045](#)

GeneBank Accession# [BC000097](#)

Protein Accession# [AAH00097](#)

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

Publication Reference

- [Unique TGFBI Protein in Lattice Corneal Dystrophy.](#)

Han YP, Sim AJ, Vora SC, Huang AJ.

Investigative Ophthalmology & Visual Science 2011 Oct; 52(11):8401.

Application: WB-Tr, Human, HEK293FT cells

Disease

- [Cardiovascular Diseases](#)
- [Corneal Dystrophies](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)