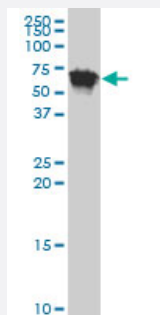


TGFBI polyclonal antibody (A01)

Catalog # H00007045-A01

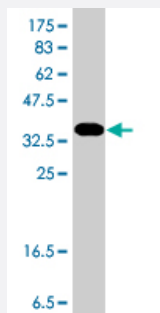
Size 50 uL

Applications



Western Blot (Cell lysate)

TGFBI polyclonal antibody (A01), Lot # 051003JC01. Western Blot analysis of TGFBI expression in Daoy.



Western Blot detection against Immunogen (37.11 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant TGFBI.
Immunogen	TGFBI (AAH00097.1, 481 a.a. ~ 580 a.a) partial recombinant protein with GST tag.
Sequence	AHDKRGRYGLFTMDRVLTPPMGTVMVLKGDNRFSMLVAAIQSAGLTETLNREGVYTVFAPTNE AFRALPPRERSRLLGDAKELANILKYHIGDEILVS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (87); Rat (88)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (37.11 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

TGFBI polyclonal antibody (A01), Lot # 051003JC01. Western Blot analysis of TGFBI expression in Daoy.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — TGFBI

Entrez GeneID

[7045](#)

GeneBank Accession#

[BC000097](#)

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

Publication Reference

- [A unique TGFB1 protein in granular corneal dystrophy types 1 and 2.](#)

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

Current Eye Research 2012 Nov; 37(11):990.

Application: WB-Tr, Human, HEK293FT cells

Disease

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