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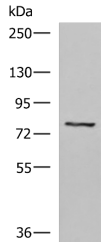
TGFBI Polyclonal Antibody

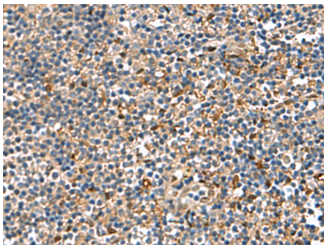
Catalog No.	E-AB-52170	**Reactivity**	H,M
Storage	Store at -20℃. Avoid freeze / thaw cycles.	**Host**	Rabbit
Applications	WB,IHC,ELISA	**Isotype**	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Western blot analysis of 293T cell lysate using TGFBI Polyclonal Antibody at dilution of 1:1050



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TGFBI Polyclonal Antibody at dilution of 1:75(×200)

Immunogen Information

Immunogen	Fusion protein of human TGFBI
Gene Accession	BC004972
Swissprot	Q15582
Synonyms	Beta ig-h3,BGH3,Big h3,BIGH3,CDB1,CDG2,CDGG1,CSD,CSD1,CSD2,CSD3,RGD CAP,RGD-CAP,TGFBI

Product Information

Calculated MW	75 kDa
Observed MW	Refer to figures
Buffer	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	WB 1:500-1:2000, IHC 1:50-1:200, ELISA 1:5000-1:10000

Background

TGFBI,also named as BIGH3,Kerato-epithelin and RGD-CAP,binds to type I,II,and IV collagens. TGFBI is an adhesion protein which may play an important role in cell-collagen interactions. In cartilage,it may be involved in endochondral bone formation. TGFBI is an extracellular matrix adaptor protein,it has been reported to be differentially expressed in transformed tissues. TGFBI is a predictive factor of the response to chemotherapy,and suggest the use of TGFBI-derived peptides as possible therapeutic adjuvants for the enhancement of responses to chemotherapy. Defects in TGFBI are the cause of epithelial basement membrane corneal dystrophy (EBMD). Defects in TGFBI are the cause of corneal dystrophy Groenouw type 1 (CDGG1). Defects in TGFBI are the cause of corneal dystrophy lattice type 1 (CDL1). Defects in TGFBI are a cause of corneal dystrophy Thiel-Behnke type (CDTB). Defects in TGFBI are the cause of Reis-Buecklers corneal dystrophy (CDRB). Defects in TGFBI are the cause of lattice corneal dystrophy type 3A (CDL3A). Defects in TGFBI are the cause of Avellino corneal dystrophy (ACD).