

## Product datasheet for **TA36885S**

### TGFBI Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Rat liver tissue lysate IHC: 50-200 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human TGFBI
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	75 kDa
Gene Name:	transforming growth factor beta induced
Database Link:	<a href="#">Entrez Gene 7045 Human Q15582</a>

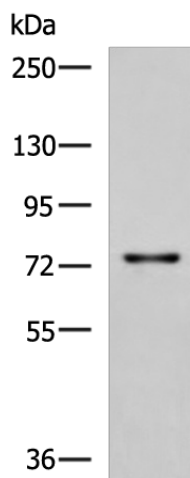
**Background:** This gene encodes an RGD-containing protein that binds to type I, II and IV collagens. The RGD motif is found in many extracellular matrix proteins modulating cell adhesion and serves as a ligand recognition sequence for several integrins. This protein plays a role in cell-collagen interactions 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.



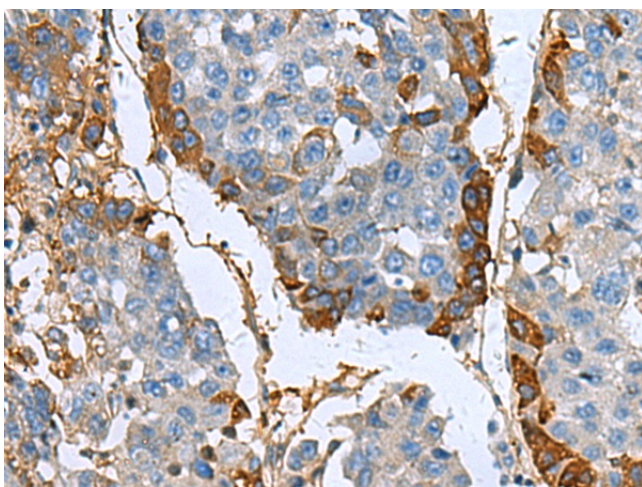
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**Synonyms:** BIGH3; CDB1; CDG2; CDGG1; CSD; CSD1; CSD2; CSD3; EBMD; kerato-epithelin; LCD1; RGD-CAP

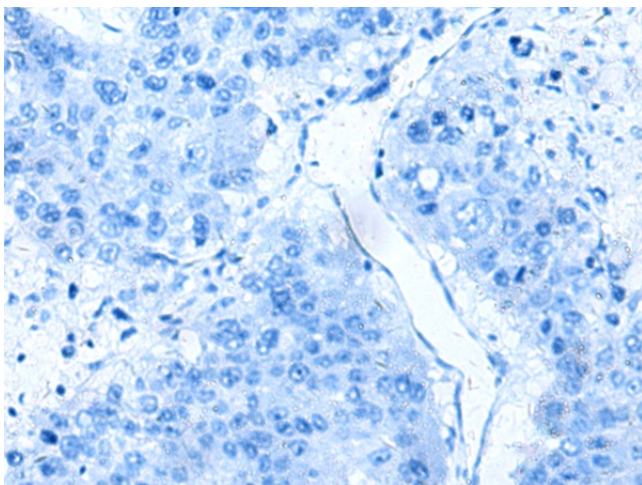
**Product images:**



Gel: 6%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane: Rat liver tissue lysate  
Primary antibody: [TA368885] (TGFBI Antibody) at dilution 1/850  
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution  
Exposure time: 20 seconds



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA368885] (TGFBI Antibody) at dilution 1/60 (Original magnification:  $\times$ 200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using [TA368885] (TGFBI Antibody) at dilution 1/60, treated with fusion protein. (Original magnification: ×200)