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TGFBI Antibody
Rabbit mAb
Catalog # AP90062

Specification

TGFBI Antibody - Product Information

Application	**WB, IHC, ICC**
Primary Accession	Q15582
Reactivity	**Rat**
Clonality	**Monoclonal**

Other Names
Beta ig; Beta ig h3; Beta ig-h3; BGH3_HUMAN; Big h3; BIGH3; CDB1; CDG2; CDGG1; CSD; CSD1; CSD2; CSD3; EBMD; Kerato epithelin; Kerato-epithelin; LCD1;

Isotype	**Rabbit IgG**
Host	**Rabbit**
Calculated MW	**74681 Da**

TGFBI Antibody - Additional Information

Purification	**Affinity-chromatography**
Immunogen	**A synthesized peptide derived from human TGFBI**
Description	**TGFBI is a 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. TGFBI plays a role in cell-collagen interactions and may be involved in endochondrial bone formation in cartilage. TGFBI is induced by transforming growth factor-beta and acts to inhibit cell adhesion.**
Storage Condition and Buffer	**Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.**

TGFBI Antibody - Protein Information

Name TGFBI

Synonyms BIGH3

Function
Plays a role in cell adhesion (PubMed:8024701). May play a role in cell-collagen interactions (By similarity).

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Cellular Location
Secreted. Secreted, extracellular space, extracellular matrix Note=May be associated both with microfibrils and with the cell surface (PubMed:8077289).

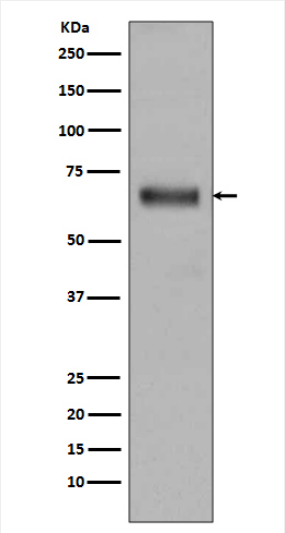
Tissue Location
Highly expressed in the corneal epithelium (PubMed:27609313, PubMed:8077289). Expressed in heart, placenta, lung, liver, skeletal muscle, kidney and pancreas (PubMed:8077289)

TGFBI Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TGFBI Antibody - Images



Western blot analysis of TGFBI expression in Human fetal kidney lysate.