

Product Datasheet

TGFBI Antibody

Catalog No: CY5309

Reactivity: Human, Mouse, Rat

Isotype: Rabbit IgG

Applications: WB, IHC



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Information

UniProt ID: Q15582

All 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;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 68 kDa

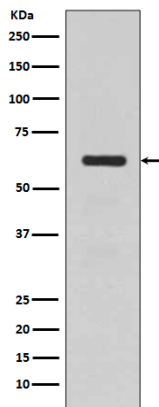
Application

WB: 1:1000~1:2000

IHC: 1:50~1:200

Background

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.



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

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