
BIGH3 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251911

Unit: 0.1 mg

Description:

Transforming growth factor-beta-induced protein ig-h3 (BIGH3) binds to type I, II, and IV collagens. BIGH3 plays a role in cell-collagen interactions. In cartilage, BIGH3 is involved in endochondral bone formation. Defects in BIGH3 are the cause of epithelial basement membrane corneal dystrophy (EBMD), also known as Cogan corneal dystrophy or map-dot-fingerprint type corneal dystrophy. EBMD is a bilateral anterior corneal dystrophy characterized by grayish epithelial fingerprint lines, geographic map-like lines, and dots (or microcysts) on slit-lamp examination. Pathologic studies show abnormal, redundant basement membrane and intraepithelial lacunae filled with cellular debris. Although this disorder usually is not considered to be inherited, families with autosomal dominant inheritance have been identified.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Transforming growth factor-beta-induced protein ig-h3; Beta ig-h3; Kerato-epithelin; RGD-containing collagen-associated protein; RGD-CAP; TGFBI; BIGH3

Accession No.: Q15582

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human BIGH3.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.