

Collagen V Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 251202

Unit: 0.1 mg

Description:

Collagen type V collagen (collagen V) is a member of group I collagen (fibrillar forming collagen). Collagen V is a minor connective tissue component of nearly ubiquitous distribution. Collagen V binds to DNA, heparan sulfate, thrombospondin, heparin, and insulin. Defects in COL5A1 are a cause of Ehlers-Danlos syndrome type 1 (EDS1), also known as Ehlers-Danlos syndrome gravis or severe classic type Ehlers-Danlos syndrome. EDS is a connective tissue disorder characterized by hyperextensible skin, atrophic cutaneous scars due to tissue fragility and joint hyperlaxity.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: B, Ck, D, H, M, P, R

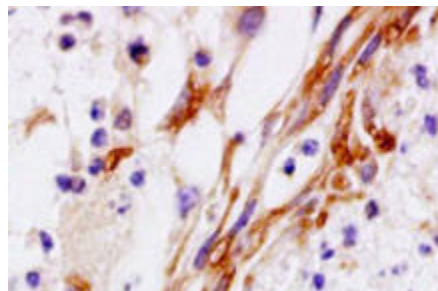
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Collagen alpha-1(V) chain; COL5A1; Collagen V; Collagen type V

Accession No.: P20908

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human collagen V.

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



Collagen type V staining in rat skin. Formalin-fixed paraffin-embedded rat skin tissue is stained with Collagen V Antibody (Cat. No. 251202) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: Calvi En et al. 2014. Hernia. PMID# 24415040.

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