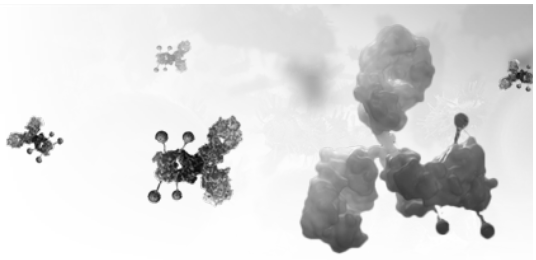

Anti-Collagen Type VI polyclonal antibody (DPAB1580)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Reacts with conformational determinants on human and bovine type VI collagen as demonstrated by ELISA. May react with type VI collagen from other species. Exhibits <10% cross reactivity with collagen types I, II, III, IV and V. The antibody has not bee
Immunogen	Human type VI collagen
Source/Host	Goat
Species Reactivity	Human
Purification	Affinity chromatography on human Type VI collagen covalently linked to agarose. Cross-absorbed with Collagen types I, II, III, IV and V covalently linked to agarose.
Conjugate	Unconjugated
Applications	ELISA Indirect immunocytochemistry staining, 1:10 - 1:20 Indirect immunohistochemical staining (frozen sections only), 1:10 - 1:20. Dot- and slot-immunoblotting (avoid use of harsh chemicals and/or heat) Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Affinity Purified, Liquid
Concentration	0.4mg/ml
Size	200 µg
Buffer	100mM Borate buffered saline, pH 8.0
Preservative	None

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Storage	Store at 2-8°C.

BACKGROUND

Introduction	The collagens are a superfamily of proteins that play a role in maintaining the integrity of various tissues. Collagens are extracellular matrix proteins and have a triple helical domain as their common structural element. Collagen VI is a major structural component of microfibrils. The basic structural unit of collagen VI is a heterotrimer of the alpha 1(VI), alpha 2(VI), and alpha 3(VI) chains. Mutations in the genes that code for the collagen VI subunits result in the autosomal dominant disorder, Bethlem myopathy.
Keywords	COL6A1; COL6A2; COL6A3; Collagen alpha 1(VI) chain; Collagen alpha 1(VI) chain precursor; Collagen type VI alpha 1; Collagen type VI alpha 2; Collagen type VI alpha 3; Collagen VI alpha 1 polypeptide; Collagen VI alpha 2 polypeptide; Collagen VI alpha 3 polypeptide; CollagenVI; Human mRNA for collagen VI alpha 1 C terminal globular domain; OPLL; PP3610; alpha 1 (VI) chain (61 AA); collagen alpha-2(VI) chain; human mRNA for collagen VI alpha-2 C-terminal globular domain; collagen alpha-3(VI) chain; OTTHUMP00000115501; OTTHUMP00000115568; OTTHUMP00000115569; OTTHUMP00000115570; OTTHUMP00000195994; OTTHUMP00000195995; OTTHUMP00000195996; OTTHUMP00000202895; OTTHUMP00000213923; FLJ46862; DKFZp586E1322; FLJ34702; FLJ98399; DKFZp686N0262; DKFZp686D23123; DKFZp686K04147; Collagen Type VI; CELLAGEN(TM) BEADS; CELLAGEN(TM) SOLUTION AC-3; CELLAGEN(TM) SOLUTION AC-5; CELLAGEN(TM) SOLUTION EMEM; CollagenTypeIII; CollagenTypeVII; CollagenTypeVI; Recombinant Human Like Collagen; chicken Collagen II; C00211; fish collagen peptide

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