



Anti-COL6 (native) polyclonal antibody (DPAB15095)

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

PRODUCT INFORMATION

Product Overview	Goat Anti-COL6 Polyclonal Antibody
Specificity	Reacts with conformational determinants on bovine, human type VI collagen as demonstrated by ELISA. May react with type VI collagen from other species. Exhibits
Target	COL6
Immunogen	Native human COL6.
Source/Host	Goat
Species Reactivity	Bovine, Human
Conjugate	Unconjugated
Applications	WB, IHC, ICC, ELISA, Dot
Format	Liquid
Buffer	In 100 mM BBS, pH 8.2
Preservative	None
Storage	Store at 4°C.

BACKGROUND

Introduction	Collagen VI is a form of collagen primarily associated with the extracellular matrix of skeletal muscle. It is associated with the genes COL6A1, COL6A2, and COL6A3. The collagens are a superfamily of proteins that play a role in maintaining the integrity of various tissues. Collagens
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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; Colla-gen alpha 1(VI) chain precursor; Collagen type VI alpha 1; Col-lagen type VI alpha 2; Collagen type VI alpha 3; Collagen VI alpha2polypeptide; Collagen VI alpha 2 polypeptide; Collagen VI alpha4pol

GENE INFORMATION

Entrez Gene ID

[1291](#)

UniProt ID

[P12109](#)
