

Anti-Human COL5A3 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA02996

3th Edition

Description: This gene encodes an alpha chain for one of the low abundance fibrillar collagens. Fibrillar collagen molecules are trimers that can be composed of one or more types of alpha chains. Type V collagen is found in tissues containing type I collagen and appears to regulate the assembly of heterotypic fibers composed of both type I and type V collagen. This gene product is closely related to type XI collagen and it is possible that the collagen chains of types V and XI constitute a single collagen type with tissue-specific chain combinations. Mutations in this gene are thought to be responsible for the symptoms of a subset of patients with Ehlers-Danlos syndrome type III. Messages of several sizes can be detected in northern blots but sequence information cannot confirm the identity of the shorter messages. COL5A3 (Collagen Type V Alpha 3 Chain) is a Protein Coding gene. Diseases associated with COL5A3 include Ehlers-Danlos Syndrome, Type Iii. Among its related pathways are Collagen chain trimerization and Phospholipase-C Pathway. GO annotations related to this gene include heparin binding and extracellular matrix structural constituent. An important paralog of this gene is COL5A1.

Antigen: Synthesized peptide derived from the N-terminal region of human COL5A3

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: