

Product datasheet for **TA347688**

COL13A1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-Collagen XIIIalpha 1 Antibody: A synthesized peptide derived from human Collagen XIIIalpha 1
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20?. Stable for 12 months from date of receipt
Concentration:	lot specific
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	70 kDa
Gene Name:	collagen type XIII alpha 1 chain
Database Link:	NP_005194 Entrez Gene 12817 Mouse Entrez Gene 1305 Human Q5TAT6



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Background:

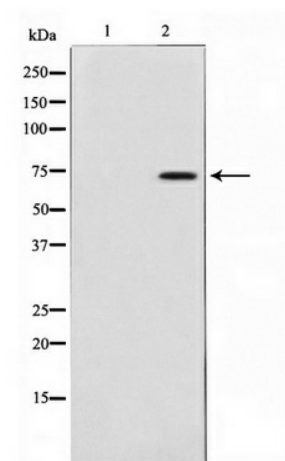
This gene encodes the alpha chain of one of the nonfibrillar collagens. The function of this gene product is not known, however, it has been detected at low levels in all connective tissue-producing cells so it may serve a general function in connective tissues. Unlike most of the collagens, which are secreted into the extracellular matrix, collagen XIII contains a transmembrane domain and the protein has been localized to the plasma membrane. The transcripts for this gene undergo complex and extensive splicing involving at least eight exons. Like other collagens, collagen XIII is a trimer; it is not known whether this trimer is composed of one or more than one alpha chain isomer. A number of alternatively spliced transcript variants have been described, but the full length nature of some of them has not been determined.

Synonyms:

alpha 1; alpha 1 type XIII collagen; collagen; collagen alpha-1(XIII) chain; COLXIII A1; FLJ42485; OTTHUMP00000060587; type XIII

Note:

Collagen XIIIalpha 1 Antibody detects endogenous levels of Collagen XIIIalpha 1

Product images:

Western blot analysis on 3T3 cell lysate using Collagen XIIIalpha 1 Antibody