

COL13A1 rabbit pAb**Cat#: orb771746 (Manual)**

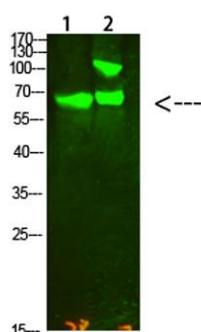
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Product Name	COL13A1 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	WB 1:500-2000, ELISA 1:10000-20000
Immunogen	Synthesized peptide derived from human COL13A1. at AA range: 41-90
Specificity	COL13A1 Polyclonal Antibody detects endogenous levels of COL13A1
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	COL13A1
Gene Name	COL13A1
Cellular localization	Cell membrane ; Single-pass type II membrane protein . Cell junction, synapse, postsynaptic cell membrane .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

Concentration	1 mg/ml
Observed band	70kD
Human Gene ID	1305
Human Swiss-Prot Number	Q5TAT6
Alternative Names	Collagen alpha-1(XIII) chain (COLXIII A1)

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. [provided by RefSeq, Jul 2008],



Western Blot analysis of 1,Hela 2,Mouse-kidney cells using primary antibody diluted at 1:2000(4°C overnight). Secondary antibody:Goat Anti-rabbit IgG IRDye 800(diluted at 1:5000, 25°C, 1 hour)