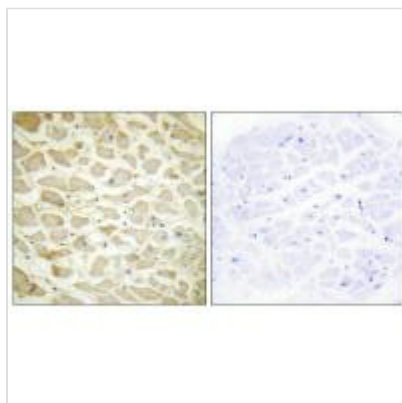




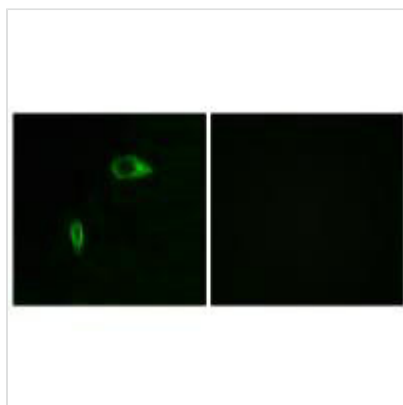
COL14A1 Antibody

Product Code	CSB-PA196447
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q05707
Immunogen	Synthesized peptide derived from internal of Human Collagen XIV α 1.
Raised In	Rabbit
Species Reactivity	Human, Mouse
Specificity	The antibody detects endogenous levels of total Collagen XIV α 1 protein.
Tested Applications	ELISA, IHC, IF; IHC:1:50-1:100, IF:1:100-1:500
Relevance	Plays an adhesive role by integrating collagen bundles. It is probably associated with the surface of interstitial collagen fibrils via COL1. The COL2 domain may then serve as a rigid arm which sticks out from the fibril and protrudes the large N-terminal globular domain into the extracellular space, where it might interact with other matrix molecules or cell surface receptors By similarity. Nusbaum C., Nature 439:331-335(2006). Bauer M., Biochim. Biophys. Acta 1354:183-188(1997). Just M., J. Biol. Chem. 266:17326-17332(1991).
Form	Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	Collagen alpha-1(XIV) chain; Undulin; COEA1;
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	COL14A1

Image



Immunohistochemistry analysis of paraffin-embedded human heart tissue using Collagen XIV α 1 antibody.



Immunofluorescence analysis of HeLa cells,
using Collagen XIV α 1 antibody.