

## Anti-COL13A1 antibody

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<b>Description</b>	Rabbit polyclonal to COL13A1.
<b>Model</b>	STJ92376
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse
<b>Applications</b>	ELISA, IF
<b>Immunogen</b>	Synthesized peptide derived from human COL13A1
<b>Immunogen Region</b>	610-690 aa, C-terminal
<b>Gene ID</b>	<a href="#">1305</a>
<b>Gene Symbol</b>	<a href="#">COL13A1</a>
<b>Dilution range</b>	IF 1:200-1:1000ELISA 1:20000
<b>Specificity</b>	COL13A1 Polyclonal Antibody detects endogenous levels of COL13A1 protein.
<b>Tissue Specificity</b>	Widely expressed in both fetal and adult ocular tissues (at protein level). In the eye, expression is accentuated in the ciliary muscle, optic nerve and the neural retina. In early placenta, localized to fibroblastoid stromal cells of the placental villi, to endothelial cells of developing capillaries and to cells of the cytotrophoblastic columns. Also detected in large decidual cells of the decidual membrane and to stromal cells of the gestational endometrium, but not in the epithelial cells in the endome
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Collagen alpha-1 XIII chain COLXIII A1
<b>Molecular Weight</b>	70 kDa
<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="https://www.ncbi.nlm.nih.gov/condensedset/HGNC:21900MIM:120350">HGNC:21900MIM:120350</a>
<b>Alternative Names</b>	Collagen alpha-1 XIII chain COLXIII A1
<b>Function</b>	Involved in cell-matrix and cell-cell adhesion interactions that are required for normal development. May participate in the linkage between muscle fiber and basement membrane. May play a role in endochondral ossification of bone and branching morphogenesis of lung. Binds heparin. At neuromuscular junctions, may play a role in acetylcholine receptor clustering .
<b>Cellular Localization</b>	Cell membrane Cell junction, synapse, postsynaptic cell membrane