

COL13A1 Polyclonal Antibody

Catalog # AP74285

Product Information

Application	WB, E
Primary Accession	Q5TAT6
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	69950

Additional Information

Gene ID	1305
Other Names	Collagen alpha-1(XIII) chain (COLXIII A1)
Dilution	WB~~WB 1:500-2000, ELISA 1:10000-20000 E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20°C

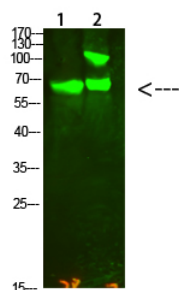
Protein Information

Name	COL13A1 (HGNC:2190)
Function	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 (PubMed: 26626625).
Cellular Location	Cell membrane; Single-pass type II membrane protein Postsynaptic cell membrane
Tissue Location	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 endometrial glands Isoform 10: Expressed in muscle (PubMed: 26626625)

Background

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Images



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)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.