

COL23A1 Polyclonal Antibody

YT1020 **Catalog No:**

Human; Mouse; Rat **Reactivity:**

Applications: IF;ELISA

Target: COL23A1

Fields: >>Protein digestion and absorption

Gene Name: COL23A1

Protein Name: Collagen alpha-1(XXIII) chain

Q86Y22

Q8K4G2

Human Gene Id: 91522

Human Swiss Prot

No:

Mouse Gene Id: 237759

Mouse Swiss Prot

No:

Rat Gene Id: 1.0091e+008

Rat Swiss Prot No: Q810Y4

Immunogen: The antiserum was produced against synthesized peptide derived from human

Collagen XXIII alpha1. AA range:461-510

Specificity: COL23A1 Polyclonal Antibody detects endogenous levels of COL23A1 protein.

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Formulation:

Source: Polyclonal, Rabbit, IgG

IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other applications. **Dilution:**

1/2



Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration : __1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight: 52kD

Background: COL23A1 is a member of the transmembrane collagens, a subfamily of the

nonfibrillar collagens that contain a single pass hydrophobic transmembrane domain (Banyard et al., 2003 [PubMed 12644459]).[supplied by OMIM, Mar

2008],

Function : PTM:Undergoes proteolytic cleavage by furin protease to yield a 60 kDa soluble

form that forms an homotrimer and exhibits a low affinity interaction with heparin., similarity: Contains 5 collagen-like domains., subunit: Homotrimer.

Subcellular Location:

Cell membrane ; Single-pass type II membrane protein ; Extracellular side .

Expression : Brain, Placenta, Testis,

Sort : 4383

No4:

Host: Rabbit

Modifications: Unmodified

Products Images



Immunofluorescence analysis of HepG2 cells, using Collagen XXIII alpha1 Antibody. The picture on the right is blocked with the synthesized peptide.