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Datasheet for ABIN4901280

anti-COL12A1 antibody (AA 1993-2064)

Overview

Quantity:	100 µL
Target:	COL12A1
Binding Specificity:	AA 1993-2064
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL12A1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	Rabbit polyclonal to COL12A1.
Immunogen:	Synthetic peptide from human COL12A1 protein.
Isotype:	IgG
Specificity:	The antibody detects endogenous COL12A1.
Characteristics:	Rabbit Polyclonal to COL12A1.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	COL12A1
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Target Details

Alternative Name: COL12A1 ([COL12A1 Products](#))

Gene ID: 1303

UniProt: [Q99715](#)

Application Details

Application Notes: WB 1:500-2000
ELISA 1:10000-20000

Comment: Found in collagen I-containing tissues: both isoform 1 and isoform 2 appear in amnion, chorion, skeletal muscle, small intestine, and in cell culture of dermal fibroblasts, keratinocytes and endothelial cells. Only isoform 2 is found in lung, placenta, kidney and a squamous cell carcinoma cell line. Isoform 1 is also present in the corneal epithelial Bowman's membrane (BM) and the interfibrillar matrix of the corneal stroma, but it is not detected in the limbal BM.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

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

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: -20 °C

Storage Comment: Store at -20°C, and avoid repeat freeze-thaw cycles.