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Datasheet for ABIN1538653  
**anti-COL4a6 antibody (AA 830-859)**

1 Image

### Overview

Quantity:	400 µL
Target:	COL4a6
Binding Specificity:	AA 830-859
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL4a6 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	This COL4A6 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 830-859 amino acids from the Central region of human COL4A6.
Clone:	RB36723
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

### Target Details

Target:	COL4a6
Alternative Name:	COL4A6 ( <a href="#">COL4a6 Products</a> )
Background:	This gene encodes one of the six subunits of type IV collagen, the major structural component

## Target Details

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of basement membranes. Like the other members of the type IV collagen gene family, this gene is organized in a head-to-head conformation with another type IV collagen gene, alpha 5 type IV collagen, so that the gene pair shares a common promoter. Deletions in the alpha 5 gene that extend into the alpha 6 gene result in diffuse leiomyomatosis accompanying the X-linked Alport syndrome caused by the deletion in the alpha 5 gene. Two splice variants have been identified for this gene.

Molecular Weight:	163807
Gene ID:	1288
NCBI Accession:	<a href="#">NP_001838</a> , <a href="#">NP_378667</a>
UniProt:	<a href="#">Q14031</a>

## Application Details

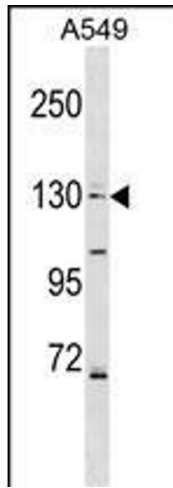
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Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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.
Storage:	4 °C, -20 °C
Storage Comment:	COL4A6 Antibody (Center) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, keep at -20 °C.
Expiry Date:	6 months



### Western Blotting

**Image 1.** COL4A6 Antibody (Center) (ABIN1538653 and ABIN2848928) western blot analysis in A549 cell line lysates (35 µg/lane). This demonstrates the COL4A6 antibody detected the COL4A6 protein (arrow).