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## Datasheet for ABIN2774342 anti-COL21A1 antibody (C-Term)

Image



## Overview

Quantity:	100 µL
Target:	COL21A1
Binding Specificity:	C-Term
Reactivity:	Human, Horse, Pig, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL21A1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human COL21A1
Sequence:	PGEPGYMGLP GIQGKKGDKG NQGEKGIQGQ KGENGRQGIP GQQGIQGHHG
Predicted Reactivity:	Dog: 93%, Horse: 100%, Human: 100%, Pig: 100%
Characteristics:	This is a rabbit polyclonal antibody against COL21A1. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	COL21A1
Alternative Name:	COL21A1 (COL21A1 Products)

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Target Details	
Background:	This gene encodes the alpha chain of type XXI collagen, a member of the FACIT collagen family (fibril-associated collagens with interrupted helices). Type XXI collagen is localized to tissues containing type I collagen so, like other members of this collagen family, it may serve to maintain the integrity of the extracellular matrix. An alternatively spliced transcript variant has been described, but its full-length nature has yet to be determined. Protein Size: 323
Molecular Weight:	35 kDa
Gene ID:	81578
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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 repeat freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

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250kDa 150kDa	Western Blotting
100kDa 75kDa	Image 1.
50kDa	
37kDa	
25kDa	
20kDa	
15kDa	
10kDa	

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