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Datasheet for ABIN7266465 anti-COL11A1 antibody (AA 260-430)

Overview

Quantity:	100 µL
Target:	COL11A1
Binding Specificity:	AA 260-430
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL11A1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Purpose:	COL11A1 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 260-430 of human COL11A1 (NP_542196.2).
Sequence:	EKKKSNFKKK MRTVATKSKE KSKKFTPPKS EKFSKKKKKS YQASAKAKLG VKANIVDDFQ EYNYGTMESY QTEAPRHVSG TNEPNPVEEI FTEEYLTGED YDSQRKNSD TLYENKEIDG RDSDLLVDGD LGEYDFYEEK EYEDKPTSP NEEFGPGVPA ETDITETSIN G
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	COL11A1
Alternative Name:	COL11A1 (COL11A1 Products)
Background:	<p>This gene encodes one of the two alpha chains of type XI collagen, a minor fibrillar collagen. Type XI collagen is a heterotrimer but the third alpha chain is a post-translationally modified alpha 1 type II chain. Mutations in this gene are associated with type II Stickler syndrome and with Marshall syndrome. A single-nucleotide polymorphism in this gene is also associated with susceptibility to lumbar disc herniation. Multiple transcript variants have been identified for this gene.,COL11A1,C011A1,COLL6,STL2,COL11A1</p>
Molecular Weight:	167kDa/176kDa/181kDa/182kDa
Gene ID:	1301
UniProt:	P12107
Pathways:	Sensory Perception of Sound

Application Details

Application Notes:	IHC,1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.