

Datasheet for ABIN6138835
anti-COL11A2 antibody (AA 210-380)



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1 Image

Overview

Quantity:	100 µL
Target:	COL11A2
Binding Specificity:	AA 210-380
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COL11A2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 210-380 of human COL11A2 (NP_542411.2).
Sequence:	IVPGVQAAAYE SCEQKELECE GGQRERPQNQ QPHRAQRSPQ QQPSRLHRPQ NQEPQSQPTE SLYYDYEPY YDVMTTGTTP DYQDPTPGEE EEILESSLLP PLEEEQTDLQ VPPTADRFQA EEYGEGGTDP PEGPYDYTYG YGDDYREETE LGPALSAETA HSGAAAHGPR G
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	COL11A2
Alternative Name:	COL11A2 (COL11A2 Products)
Background:	<p>This gene encodes one of the two alpha chains of type XI collagen, a minor fibrillar collagen. It is located on chromosome 6 very close to but separate from the gene for retinoid X receptor beta. Type XI collagen is a heterotrimer but the third alpha chain is a post-translationally modified alpha 1 type II chain. Proteolytic processing of this type XI chain produces PARP, a proline/arginine-rich protein that is an amino terminal domain. Mutations in this gene are associated with type III Stickler syndrome, otospondylomegaepiphyseal dysplasia (OSMED syndrome), Weissenbacher-Zweymuller syndrome, autosomal dominant non-syndromic sensorineural type 13 deafness (DFNA13), and autosomal recessive non-syndromic sensorineural type 53 deafness (DFNB53). Alternative splicing results in multiple transcript variants. A related pseudogene is located nearby on chromosome</p> <p>6.,COL11A2,DFNA13,DFNB53,FBCG2,HKE5,PARP,STL3,Signal Transduction,Cell Biology & Developmental Biology,Cell Adhesion,Cytoskeleton,Extracellular Matrix,Collagen,Bone,Neuroscience,COL11A2</p>
Molecular Weight:	31 kDa/159-171 kDa
Gene ID:	1302
UniProt:	P13942
Pathways:	RTK Signaling , Sensory Perception of Sound , Chromatin Binding

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

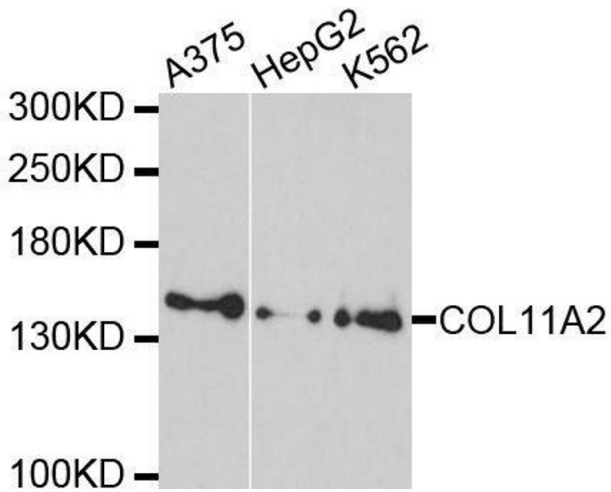
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using COL11A2 antibody.