

Collagen 1 alpha 2 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51101

Product Information

Application	WB, ICC, IHC-P
Primary Accession	P08123
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	129314

Additional Information

Gene ID	1278
Other Names	Collagen alpha-2(I) chain, Alpha-2 type I collagen, COL1A2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Collagen 1 alpha 2. The exact sequence is proprietary.
Dilution	WB~~1:1000 ICC~~N/A IHC-P~~N/A
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	COL1A2
Function	Type I collagen is a member of group I collagen (fibrillar forming collagen).
Cellular Location	Secreted, extracellular space, extracellular matrix {ECO:0000255 PROSITE-ProRule:PRU00793}
Tissue Location	Forms the fibrils of tendon, ligaments and bones. In bones the fibrils are mineralized with calcium hydroxyapatite

Background

Type I collagen is a member of group I collagen (fibrillar forming collagen).

References

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Kuivaniemi H.,et al.Biochem. J. 252:633-640(1988).
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