

Collagen 11 alpha 1 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51099

Product Information

Application	WB, ICC, IHC-P
Primary Accession	P12107
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	181065

Additional Information

Gene ID	1301
Other Names	Collagen alpha-1(XI) chain, COL11A1, COLL6
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Collagen 11 alpha 1. 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	COL11A1
Synonyms	COLL6
Function	May play an important role in fibrillogenesis by controlling lateral growth of collagen II fibrils.
Cellular Location	Secreted, extracellular space, extracellular matrix {ECO:0000255 PROSITE-ProRule:PRU00793}
Tissue Location	Cartilage, placenta and some tumor or virally transformed cell lines. Isoforms using exon IIA or IIB are found in the cartilage while isoforms using only exon IIB are found in the tendon

Background

May play an important role in fibrillogenesis by controlling lateral growth of collagen II fibrils.

References

- Yoshioka H.,et al.J. Biol. Chem. 265:6423-6426(1990).
Annunen S.,et al.Am. J. Hum. Genet. 65:974-983(1999).
Gregory S.G.,et al.Nature 441:315-321(2006).
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Bernard M.,et al.J. Biol. Chem. 263:17159-17166(1988).

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