10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

COL11A1 Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21844a

Product Information

Application	WB, E
Primary Accession	P12107
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB53670
Calculated MW	181065

Additional Information

Gene ID	1301
Other Names	Collagen alpha-1(XI) chain, COL11A1, COLL6
Target/Specificity	This COL11A1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 41-75 amino acids from human COL11A1.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	COL11A1 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

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

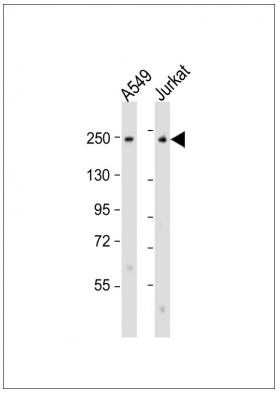
Background

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).

Images



All lanes : Anti-COL11A1 Antibody (N-Term) at 1:2000 dilution Lane 1: A549 whole cell lysate Lane 2: Jurkat whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 181 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Citations

- Cytoplasmic collagen XIαI as a prognostic biomarker in esophageal squamous cell carcinoma.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.