



Human COL11A1 blocking peptide (CDBP0843)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-COL11A1 antibody
Antigen Description	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.
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	COL11A1 collagen, type XI, alpha 1 [Homo sapiens]
Official Symbol	COL11A1
Synonyms	COL11A1; collagen, type XI, alpha 1; COLL6; collagen alpha-1(XI) chain; CO11A1; collagen XI; alpha 1 polypeptide; STL2; collagen XI, alpha-1 polypeptide;

Entrez Gene ID	1301
mRNA Refseq	NM_001190709
Protein Refseq	NP_001177638
UniProt ID	P12107
Chromosome Location	1p21
Pathway	Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; ECM-receptor interaction, organism-specific biosystem; ECM-receptor interaction, conserved biosystem; Focal Adhesion, organism-specific biosystem; Focal adhesion, organism-specific biosystem; Focal adhesion, conserved biosystem;
Function	extracellular matrix binding; extracellular matrix structural constituent; protein binding, bridging;