



Human COL4A6 blocking peptide (CDBP0846)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-COL4A6 antibody
Antigen Description	This gene encodes one of the six subunits of type IV collagen, the major structural component of basement membranes. Like the other members of the type IV collagen gene family, this gene is organized in a head-to-head conformation with another type IV collagen gene, alpha 5 type IV collagen, so that the gene pair shares a common promoter. Deletions in the alpha 5 gene that extend into the alpha 6 gene result in diffuse leiomyomatosis accompanying the X-linked Alport syndrome caused by the deletion in the alpha 5 gene. Alternative splicing results in multiple transcript variants encoding different isoforms.
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	COL4A6 collagen, type IV, alpha 6 [Homo sapiens]
Official Symbol	COL4A6
Synonyms	COL4A6; collagen, type IV, alpha 6; collagen alpha-6(IV) chain; collagen alpha 6 type IV;

collagen IV, alpha-6 polypeptide; dJ889N15.4 (Collagen Alpha 6(IV)); collagen of basement membrane, alpha-6; DELXq22.3; CXDELq22.3; MGC88184;

Entrez Gene ID	1288
mRNA Refseq	NM_001847
Protein Refseq	NP_001838
UniProt ID	Q14031
Chromosome Location	Xq22
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	binding; extracellular matrix structural constituent;