

For Research Use Only

COL4A6 Polyclonal antibody

Catalog Number: 10807-1-AP

8 Publications



Basic Information

Catalog Number:

10807-1-AP

Size:

150ul, Concentration: 133 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1118

GenBank Accession Number:

BC005305

GeneID (NCBI):

1288

UNIPROT ID:

Q14031

Full Name:

collagen, type IV, alpha 6

Calculated MW:

1691 aa, 164 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse

Cited Species:

human, mouse, rat

Background Information

Collagen alpha-6(IV) chain, known as COL4A6, is a member of the collagen family, the major structural component of basement membranes. There are six type IV collagen isoforms, alpha 1(IV)-alpha 6(IV), each of which can form a triple helix structure with 2 other chains to generate type IV collagen network. COL4A6 forms a triple helical structure with two other alpha-5-chains, which is stabilized by the presence of glycine as every third residue (PMID: 27377778). COL4A6 is located on the X chromosome in a head-to-head manner with COL4A5 closely (PMID: 23714752). COL4A6 is transcribed from two alternative promoters in a tissue-specific fashion. This antibody detected the cleaved fragment of COL4A6 at ~50 kDa (PMID: 7657706)..

Notable Publications

Author	Pubmed ID	Journal	Application
Yuqi Li	36132982	J Immunol Res	IHC
Xiang-Hua Yu	36321394	Oral Dis	IF
G X Feng	28846110	Oncogene	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

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