

For Research Use Only

Collagen Type V Polyclonal antibody

Catalog Number: 19670-1-AP

1 Publications



Basic Information

Catalog Number:

19670-1-AP

Size:

150ul , Concentration: 200 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_000393

GeneID (NCBI):

1290

UNIPROT ID:

P05997

Full Name:

collagen, type V, alpha 2

Calculated MW:

145 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Cited Applications:

IHC

Species Specificity:

human, mouse, rat

Cited Species:

human

Background Information

COL5A2 belongs to the fibrillar collagen family. Type V collagen is a member of group I collagen (fibrillar forming collagen). It is a minor connective tissue component of nearly ubiquitous distribution. Type V collagen binds to DNA, heparan sulfate, thrombospondin, heparin, and insulin. Type V collagen is a key determinant in the assembly of tissue-specific matrices. Defects in COL5A2 are a cause of Ehlers-Danlos syndrome type 1 (EDS1) which also known as Ehlers-Danlos syndrome gravis or severe classic type Ehlers-Danlos syndrome. This antibody is specific to COL5A2.

Notable Publications

Author	Pubmed ID	Journal	Application
Dan-Wen Wang	35325407	Curr Med Sci	IHC

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

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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