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COL5A2 / Collagen V Alpha 2 Antibody (aa1-50)

Rabbit Polyclonal Antibody
Catalog # ALS14013

Specification

COL5A2 / Collagen V Alpha 2 Antibody (aa1-50) - Product Information

Application	**IF, IHC**
Primary Accession	P05997
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**145kDa KDa**

COL5A2 / Collagen V Alpha 2 Antibody (aa1-50) - Additional Information

Gene ID 1290

Other Names
Collagen alpha-2(V) chain, COL5A2

Target/Specificity
Collagen V alpha2 Antibody detects endogenous levels of total Collagen V alpha2 protein.

Reconstitution & Storage
Store at -20°C for up to one year.

Precautions
COL5A2 / Collagen V Alpha 2 Antibody (aa1-50) is for research use only and not for use in diagnostic or therapeutic procedures.

COL5A2 / Collagen V Alpha 2 Antibody (aa1-50) - Protein Information

Name COL5A2

Function
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 (By similarity).

Cellular Location
Secreted, extracellular space, extracellular matrix {ECO:0000255|PROSITE-ProRule:PRU00793}

Volume
50 µl

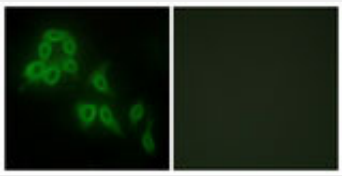
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COL5A2 / Collagen V Alpha 2 Antibody (aa1-50) - Protocols

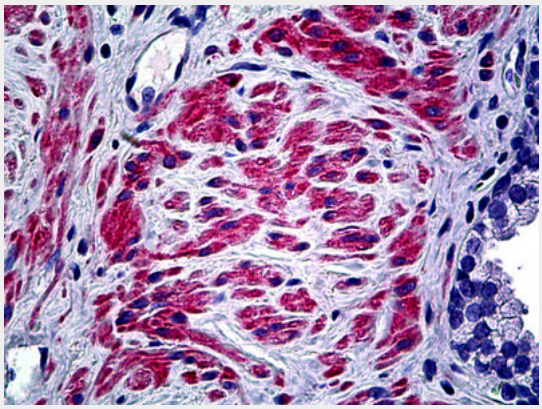
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

COL5A2 / Collagen V Alpha 2 Antibody (aa1-50) - Images



Immunofluorescence of HepG2 cells, using Collagen V alpha2 Antibody.



Anti-COL5A2 antibody IHC of human prostate.

COL5A2 / Collagen V Alpha 2 Antibody (aa1-50) - Background

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 (By similarity).

COL5A2 / Collagen V Alpha 2 Antibody (aa1-50) - References

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Hillier L.W.,et al.Nature 434:724-731(2005).
Woodbury D.,et al.J. Biol. Chem. 264:2735-2738(1989).
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