

Collagen 5 alpha 3 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51108

Specification

Collagen 5 alpha 3 Antibody - Product Information

Application	WB
Primary Accession	P25940
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	172 KDa
Antigen Region	231 - 290

Collagen 5 alpha 3 Antibody - Additional Information

Gene ID 50509

Other Names

Collagen alpha-3(V) chain, COL5A3

Target/Specificity

KLH conjugated synthetic peptide derived from human Collagen 5 alpha 3

Dilution

WB~~ 1:1000

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Collagen 5 alpha 3 Antibody - Protein Information

Name COL5A3

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.

Cellular Location

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

Tissue Location

Detected in fibroblasts (at protein level) (PubMed:36213313). Detected in urine (at protein level)

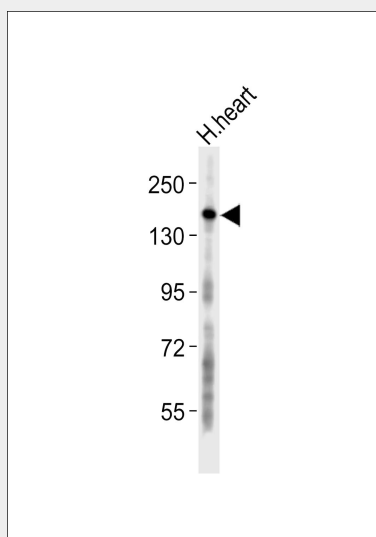
(PubMed:37453717).

Collagen 5 alpha 3 Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Collagen 5 alpha 3 Antibody - Images



Anti-Collagen 5 alpha 3 Antibody at 1:1000 dilution + human heart lysates Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 172 kDa Blocking/Dilution buffer: 5% NFD/MTBST.

Collagen 5 alpha 3 Antibody - 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.

Collagen 5 alpha 3 Antibody - References

- Imamura Y., et al. J. Biol. Chem. 275:8749-8759(2000).
Grimwood J., et al. Nature 428:529-535(2004).
Mann K., et al. Biol. Chem. Hoppe-Seyler 373:69-75(1992).
Chen R., et al. J. Proteome Res. 8:651-661(2009).