

Fibronectin Polyclonal Antibody
Catalog # AP74031**Specification****Fibronectin Polyclonal Antibody - Product Information**

Application	IHC
Primary Accession	P02751
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

Fibronectin Polyclonal Antibody - Additional Information

Gene ID 2335

Other Names

Fibronectin (FN) (Cold-insoluble globulin) (CIG) [Cleaved into: Anastellin; Ugl-Y1; Ugl-Y2; Ugl-Y3]

Dilution

IHC~~IHC-p 1:50-200, ELISA 1:10000-20000

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Fibronectin Polyclonal Antibody - Protein InformationName FN1 ([HGNC:3778](#))**Synonyms FN****Function**

Fibronectins bind cell surfaces and various compounds including collagen, fibrin, heparin, DNA, and actin (PubMed: [3024962](http://www.uniprot.org/citations/3024962), PubMed: [3593230](http://www.uniprot.org/citations/3593230), PubMed: [3900070](http://www.uniprot.org/citations/3900070), PubMed: [7989369](http://www.uniprot.org/citations/7989369)). Fibronectins are involved in cell adhesion, cell motility, opsonization, wound healing, and maintenance of cell shape (PubMed: [3024962](http://www.uniprot.org/citations/3024962), PubMed: [3593230](http://www.uniprot.org/citations/3593230), PubMed: [3900070](http://www.uniprot.org/citations/3900070), PubMed: [7989369](http://www.uniprot.org/citations/7989369)). Involved in osteoblast compaction through the fibronectin fibrillogenesis cell-mediated matrix assembly process, essential for osteoblast mineralization (By similarity). Participates in the regulation of type I collagen deposition by osteoblasts (By similarity). Acts as a ligand for the LILRB4 receptor,

inhibiting FCGR1A/CD64-mediated monocyte activation (PubMed:34089617).

Cellular Location

Secreted, extracellular space, extracellular matrix. Secreted {ECO:0000250|UniProtKB:P11276}

Tissue Location

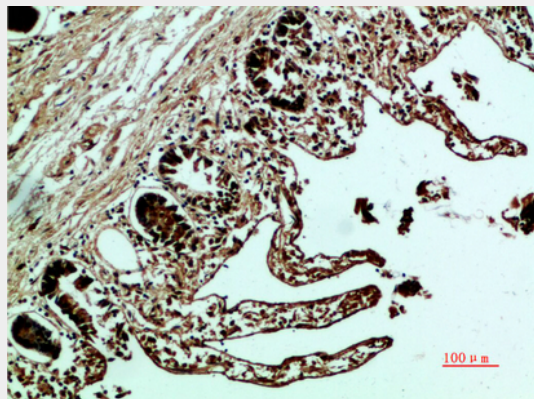
Expressed in the inner limiting membrane and around blood vessels in the retina (at protein level) (PubMed:29777959) Plasma FN (soluble dimeric form) is secreted by hepatocytes. Cellular FN (dimeric or cross-linked multimeric forms), made by fibroblasts, epithelial and other cell types, is deposited as fibrils in the extracellular matrix. Ugl-Y1, Ugl-Y2 and Ugl-Y3 are found in urine (PubMed:17614963).

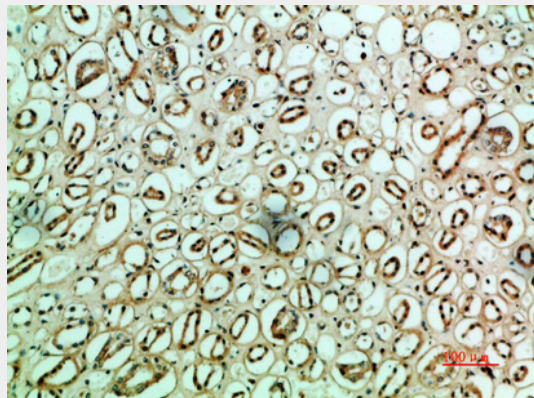
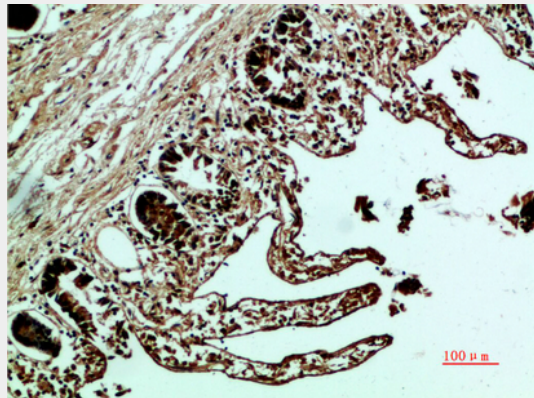
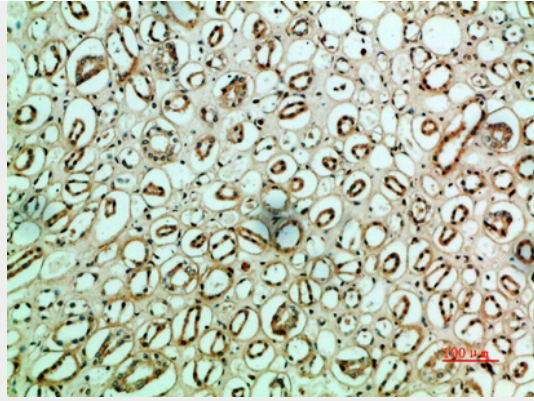
Fibronectin Polyclonal Antibody - Protocols

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](#)

Fibronectin Polyclonal Antibody - Images





Fibronectin Polyclonal Antibody - Background

Fibronectins bind cell surfaces and various compounds including collagen, fibrin, heparin, DNA, and actin. Fibronectins are involved in cell adhesion, cell motility, opsonization, wound healing, and maintenance of cell shape. Involved in osteoblast compaction through the fibronectin fibrillogenesis cell-mediated matrix assembly process, essential for osteoblast mineralization. Participates in the regulation of type I collagen deposition by osteoblasts.