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Anti-FN1 / Fibronectin Antibody
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18266

Specification

Anti-FN1 / Fibronectin Antibody - Product Information

Application	**WB, IHC-P, E**
Primary Accession	P02751
Predicted	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Calculated MW	**272320**

Anti-FN1 / Fibronectin Antibody - Additional Information

Gene ID 2335

Alias Symbol	**FN1**

Other Names
FN1, CIG, Cold-insoluble globulin, Fibronectin 1, FINC, LETS, GFND, ED-B, Fibronectin, FN, FNZ, GFND2, Migration-stimulating factor, MSF

Reconstitution & Storage
Affinity purified

Precautions
Anti-FN1 / Fibronectin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-FN1 / Fibronectin Antibody - Protein Information

Name FN1 (HGNC:3778)

Synonyms FN

Function
Fibronectins bind cell surfaces and various compounds including collagen, fibrin, heparin, DNA, and actin (PubMed:3024962, PubMed:3900070, PubMed:3593230, PubMed:7989369). Fibronectins are involved in cell adhesion, cell motility, opsonization, wound healing, and maintenance of cell shape (PubMed:3024962, PubMed:3900070, PubMed:3593230, PubMed: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).

Anti-FN1 / Fibronectin 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 Cytomety
- Cell Culture

Anti-FN1 / Fibronectin Antibody - Images