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Anti-FN1 / Fibronectin Antibody

Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18266

Product Information

Application	WB, IHC-P, E
Primary Accession	P02751
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	272320
Concentration (mg/ml)	1 mg/ml

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.

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:3593230, PubMed:3900070, PubMed:7989369). Fibronectins are involved in cell adhesion, cell motility, opsonization, wound healing, and maintenance of cell shape (PubMed:3024962, PubMed:3593230, PubMed:3900070, 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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.