

Fibronectin/FN1 Rabbit pAb

Catalog Number: bs-0666R

Target Protein: Fibronectin/FN1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:200-800)

Reactivity: Human, Mouse, Rat, Cow (predicted:Dog)

Predicted MW: 259 kDa

Entrez Gene: 2335

Swiss Prot: P02751

Source: KLH conjugated synthetic peptide derived from human Fibronectin/Ugl-Y3: 1201-1300/2386.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

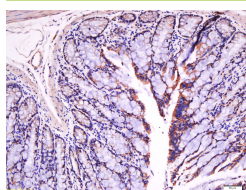
Background: bs-0666P is a synthetic peptide derived from human Fibronectin.

This gene encodes fibronectin, a glycoprotein present in a soluble dimeric form in plasma, and in a dimeric or multimeric form at the cell surface and in extracellular matrix.

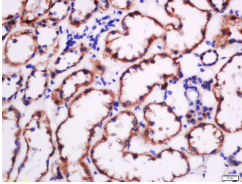
Fibronectin is involved in cell adhesion and migration processes including embryogenesis, wound healing, blood coagulation, host defense, and metastasis. The gene has three regions subject to alternative splicing, with the potential to produce 20 different transcript variants. However, the full-length nature of some variants has not been determined.

[provided by RefSeq, Jul 2008].

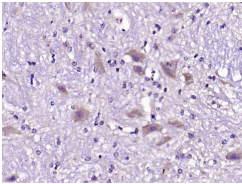
VALIDATION IMAGES



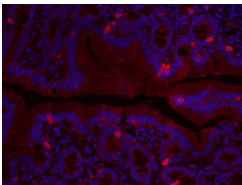
Tissue/cell: rat intestine tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-Fibronectin/FN1 Polyclonal Antibody, Unconjugated(bs-0666R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: human kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-Fibronectin/FN1 Polyclonal Antibody, Unconjugated (bs-0666R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody (SP-0023) and DAB (C-0010) staining



Paraformaldehyde-fixed, paraffin embedded (mouse cerebellum); Antigen retrieval by boiling in sodium citrate buffer (pH 6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Fibronectin) Polyclonal Antibody, Unconjugated (bs-0666R) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat colon); Antigen retrieval by boiling in sodium citrate buffer (pH 6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation: Anti-Fibronectin Polyclonal Antibody, conjugated (bs-0666R-AF647) 1:400, 1.5 hours at 37°C; DAPI (5ug/ml, blue, C-0033) was used to stain the cell nuclei.

PRODUCT SPECIFIC PUBLICATIONS

[IF=32.086] Ali Doryab. et al. Real-Time Measurement of Cell Mechanics as a Clinically Relevant Readout of an In Vitro Lung Fibrosis Model Established on a Bioinspired Basement Membrane. ADV MATER. 2022 Sep;;2205083 IF ; Human . 36030365

[IF=10.612] Yosuke Nagai. et al. Rho-associated, coiled-coil-containing protein kinase 1 regulates development of diabetic kidney disease via modulation of fatty acid metabolism. KIDNEY INT. 2022 May;; IF ; Mouse . 35597365

[IF=10.19] Xingliang Dai. et al. Crosstalk between microglia and neural stem cells influences the relapse of glioblastoma in GBM immunological microenvironment. CLIN IMMUNOL. 2023 Jun;251:109333 IHC ; Human . 37088298

[IF=6.291] Si-Cheng Zhao. et al. Nickel sulfate exposure induces ovarian inflammation and fibrosis and decreases oocyte quality in mice. Ecotox Environ Safe. 2021 Nov;224:112634 IHC ; Mouse . 34392153

[IF=6] Jose-Andres C. Portillo. et al. Advanced Glycation End Products Upregulate CD40 in Human Retinal Endothelial and Müller Cells: Relevance to Diabetic Retinopathy. CELLS-BASEL. 2024 Jan;13(5):429 IF ; Human . 38474393