

Nur für Forschungszwecke

# Fibronectin Polyklonaler Antikörper

Katalog-Nr.:15613-1-AP

Vorgestelltes Produkt

451 Publikationen



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 15613-1-AP	<b>GenBank-Zugangsnummer:</b> BC005858	<b>Reinigungsmethode:</b> Antigen-Affinitätsreinigung
<b>Größe:</b> 150ul , Konzentration: 500 µg/ml von Nanodrop;	<b>GeneID (NCBI):</b> 2335	<b>Empfohlene Verdünnungen:</b> WB 1:2000-1:20000 IP 0.5-4.0 ug für IP und 1:200-1:1000 für WB
<b>Wirt:</b> Kaninchen	<b>Vollständiger Name:</b> fibronectin 1	<b>IHC 1:300-1:1200</b> <b>IF 1:50-1:500</b>
<b>Isotyp:</b> IgG	<b>Berechnete Masse:</b> 2386 aa, 263 kDa	
<b>Immunogen Katalognummer:</b> AG8004	<b>Beobachtete Masse:</b> 250-275 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> FC, IF, IHC, IP, WB, ELISA	<b>Positivkontrollen:</b> WB : human plasma, MDA-MB-453s-Zellen, NIH/3T3-Zellen IP : NIH/3T3-Zellen, IHC : humanes Kolonkarzinomgewebe, humanes Mammakarzinomgewebe, Ratten-Blasengewebe IF : NIH/3T3-Zellen,
<b>In Publikationen genannte Anwendungen:</b> ELISA, FC, IF, WB	
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	
<b>Zitierte Arten:</b> Hausschwein, Human, Maus, Ratte, Medaka-Embryos	
<b>Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.</b>	

## Hintergrundinformationen

Fibronectin 1 (FN1) is a high molecular weight glycoprotein which exists in both a soluble form in plasma (plasma FN1) and other body fluids and an insoluble form in the extracellular matrix (cellular FN1). Plasma FN1 (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. FN1 binds to cell surfaces through integrins and to various compounds including collagen, fibrin and heparin. It is involved in cell adhesion and migration processes including embryogenesis, wound healing, hemostasis, host defense, and metastasis. (PMID: 7276612; 12244123; 12847088)

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Dong Zeng	32979359	Life Sci	WB
Bing Sun	27684953	PLoS One	WB
Chen Chen	36212944	Evid Based Complement Alternat Med	IF

## Lagerung

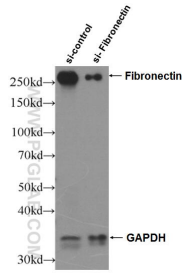
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

\*\*\* 20ul-Größen enthalten 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

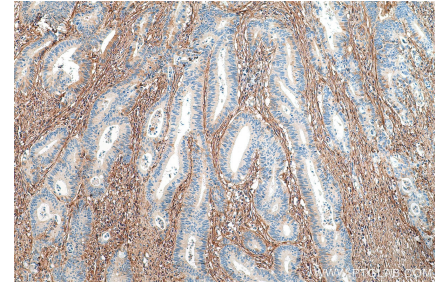
## Ausgewählte Validierungsdaten



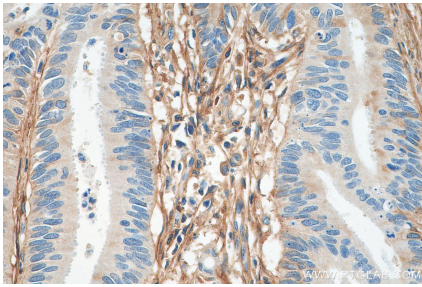
WB result of Fibronectin antibody (15613-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-Fibronectin transfected NIH/3T3 cells.



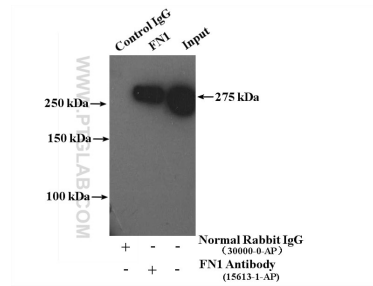
human plasma were subjected to SDS PAGE followed by western blot with 15613-1-AP (Fibronectin antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



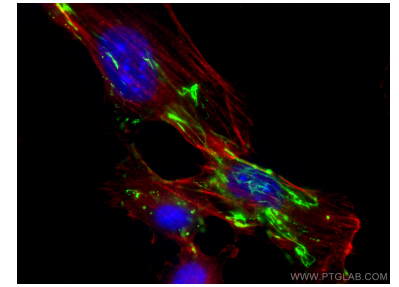
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 15613-1-AP (Fibronectin antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



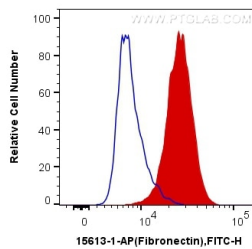
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 15613-1-AP (Fibronectin antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-Fibronectin (IP:15613-1-AP, 4ug; Detection:15613-1-AP 1:300) with NIH/3T3 cells lysate 4000ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed NIH/3T3 cells using Fibronectin antibody (15613-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



1x10<sup>6</sup> NIH/3T3 cells were intracellularly stained with 0.4 ug Anti-Human Fibronectin (15613-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).