

Nur für Forschungszwecke

# FER Polyklonaler Antikörper

Katalog-Nr.: 25287-1-AP

1 Publikationen



## Allgemeine Informationen

Katalog-Nr.:  
25287-1-AP

Größe:  
150ul, Konzentration: 800 µg/ml von  
Nanodrop und 433 µg/ml durch die  
Bradford-Methode mit BSA als  
Standard;

Wirt:  
Kaninchen

Isotyp:  
IgG

Immunogen Katalognummer:  
AG18173

GenBank-Zugangsnummer:  
BC017060

GeneID (NCBI):  
2241

Vollständiger Name:  
fer (fps/fes related) tyrosine kinase

Berechnete Masse:  
822 aa, 95 kDa

Beobachtete Masse:  
95 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000  
IP 0.5-4.0 µg für IP und 1:500-1:2000  
für WB  
IHC 1:50-1:500  
IF 1:20-1:200

## Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

WB

Getestete Reaktivität:

Human, Maus

Zitierte Arten:

Human

**Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (\*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.**

Positivkontrollen:

WB: NIH/3T3-Zellen, A431-Zellen, HeLa-Zellen, MCF-7-Zellen

IP: MCF-7-Zellen,

IHC: humanes Nierengewebe, humanes Kolonkarzinomgewebe

IF: MCF-7-Zellen,

## Hintergrundinformationen

FER (Tyrosine-protein kinase Fer) is also named as TYK3 and belongs to the protein kinase superfamily. Tyrosine-protein kinase acts downstream of cell surface receptors for growth factors and plays a role in the regulation of the actin cytoskeleton, microtubule assembly, lamellipodia formation, cell adhesion, cell migration and chemotaxis. This protein has 3 isoforms produced by alternative promoter usage and alternative splicing.

## Bemerkenswerte Veröffentlichungen

| Verfasser | Pubmed ID | Journal    | Anwendung |
|-----------|-----------|------------|-----------|
| Xue Yang  | 32293333  | BMC Cancer | WB        |

## 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

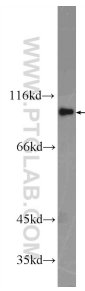
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

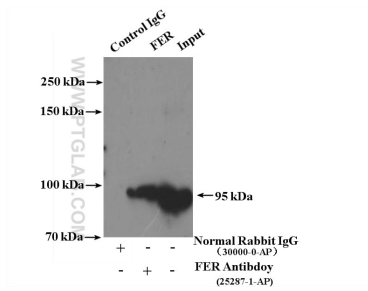
E: proteintech@ptglab.com  
W: ptglab.com

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

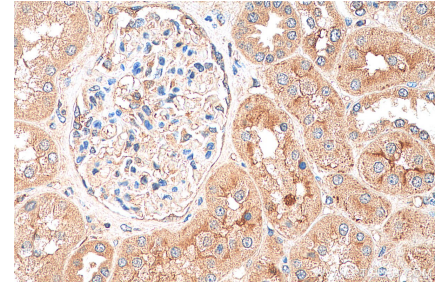
## Ausgewählte Validierungsdaten



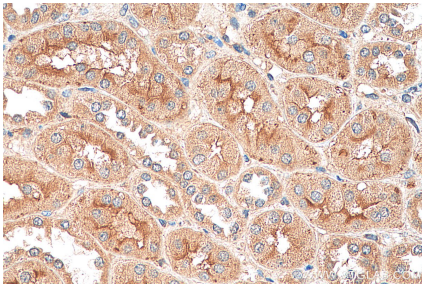
NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 25287-1-AP (FER Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



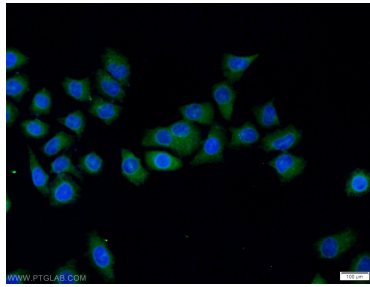
IP Result of anti-FER (IP:25287-1-AP, 4ug; Detection:25287-1-AP 1:1000) with MCF-7 cells lysate 2400ug.



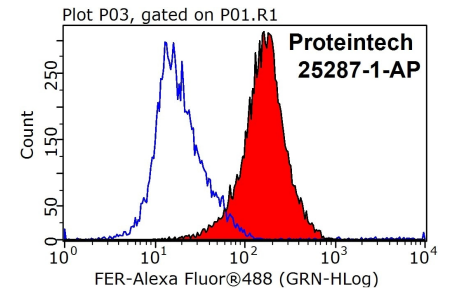
Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 25287-1-AP (FER antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 25287-1-AP (FER antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of MCF-7 cells using 25287-1-AP (FER antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



1X10<sup>6</sup> Jurkat cells were stained with 0.5ug FER antibody (25287-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.