

For Research Use Only

# FER Polyclonal antibody

Catalog Number: 25287-1-AP

2 Publications



## Basic Information

Catalog Number:

25287-1-AP

Size:

800 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18173

GenBank Accession Number:

BC017060

GeneID (NCBI):

2241

UNIPROT ID:

P16591

Full Name:

fer (fps/fes related) tyrosine kinase

Calculated MW:

822 aa, 95 kDa

Observed MW:

95 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:20-1:200

## Applications

Tested Applications:

WB, IP, IF/ICC, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

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

IP : MCF-7 cells,

IHC : human kidney tissue, human colon cancer tissue

IF/ICC : MCF-7 cells,

## Background Information

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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Xue Yang	32293333	BMC Cancer	WB
Yanchun Zhang	37196766	J Biol Chem	WB

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

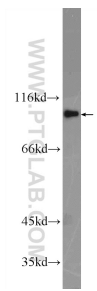
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

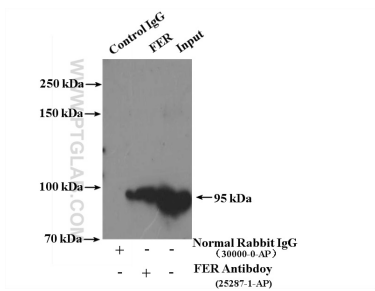
W: [ptgcn.com](http://ptgcn.com)

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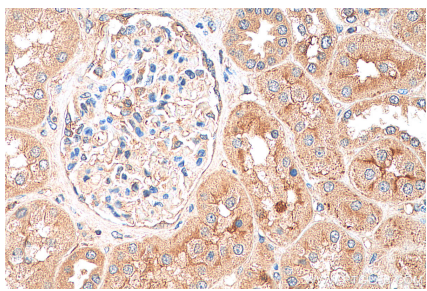
Selected Validation Data



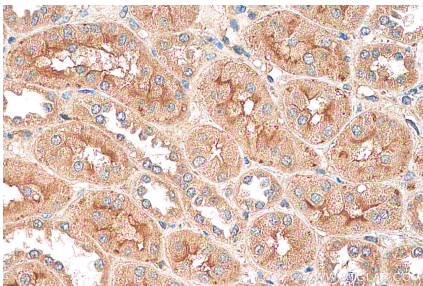
NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 25287-1-AP (FER Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



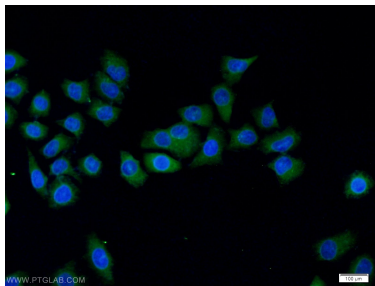
IP result of anti-FER (IP:25287-1-AP, 4ug; Detection:25287-1-AP 1:1000) with MCF-7 cells lysate 2400ug.



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).