

## Rabbit anti-Human, Mouse Fer Polyclonal Antibody | anti-Fer antibody

Fer Polyclonal Antibody

|                               |                       |                                   |                                     |
|-------------------------------|-----------------------|-----------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA294820</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|-----------------------------------|-------------------------------------|

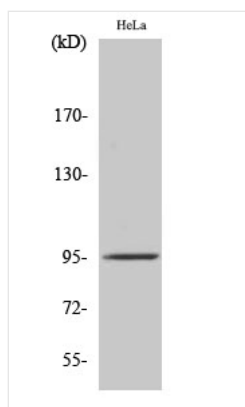
### PRODUCT SYNONYMS

Fer; Polyclonal Antibody; Fer Polyclonal Antibody; FER; TYK3; Tyrosine-protein kinase Fer; Feline encephalitis virus-related kinase FER; Fujinami poultry sarcoma/Feline sarcoma-related protein Fer; Proto-oncogene c-Fer; Tyrosine kinase 3; p94-Fer; anti-Fer antibody

### PRODUCT SPECIFICATIONS

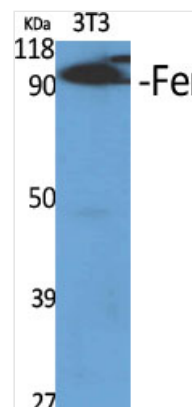
|                                               |                                                                                                                                                       |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                |
| Reactivity                                    | Human, Mouse                                                                                                                                          |
| Clonality                                     | Polyclonal                                                                                                                                            |
| Applicable Applications for anti-Fer antibody | WB (Western Blot)                                                                                                                                     |
| Preparation and Storage                       | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.



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ADDITIONAL INFORMATION

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| Related Product Information for anti-Fer antibody | Tyrosine-protein kinase that 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. Acts downstream of EGFR, KIT, PDGFRA and PDGFRB. Acts downstream of EGFR to promote activation of NF-kappa-B and cell proliferation. May play a role in the regulation of the mitotic cell cycle. Plays a role in the insulin receptor signaling pathway and in activation of phosphatidylinositol 3-kinase. Acts downstream of the activated FCER1 receptor and plays a role in FCER1 (high affinity immunoglobulin epsilon receptor)-mediated signaling in mast cells. Plays a role in the regulation of mast cell degranulation. Plays a role in leukocyte recruitment and diapedesis in response to bacterial lipopolysaccharide (LPS). Plays a role in synapse organization, trafficking of synaptic vesicles, the generation of excitatory postsynaptic currents and neuron-neuron synaptic transmission. Plays a role in neuronal cell death after brain damage. Phosphorylates CTTN, CTNND1, PTK2/FAK1, GAB1, PECAM1 and PTPN11. May phosphorylate JUP and PTPN1. Can phosphorylate STAT3, but the biological relevance of this depends on cell type and stimulus. |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 119964721                                                                                                                                                                                                                                                    |
| NCBI GeneID                      | 2241                                                                                                                                                                                                                                                         |
| NCBI Accession #                 | NP_005237.2                                                                                                                                                                                                                                                  |
| NCBI GenBank Nucleotide #        | NM_005246.2                                                                                                                                                                                                                                                  |
| UniProt Accession #              | P16591; B2RCR4; B4DSQ2; H2FLB8                                                                                                                                                                                                                               |
| Molecular Weight                 | 85kDa                                                                                                                                                                                                                                                        |
| NCBI Official Full Name          | tyrosine-protein kinase Fer                                                                                                                                                                                                                                  |
| NCBI Official Synonym Full Names | fer (fps/fes related) tyrosine kinase                                                                                                                                                                                                                        |
| NCBI Official Symbol             | FER                                                                                                                                                                                                                                                          |
| NCBI Official Synonym Symbols    | FerT; TYK3; PPP1R74                                                                                                                                                                                                                                          |
| NCBI Protein Information         | tyrosine-protein kinase Fer; p94-Fer; tyrosine kinase 3; phosphoprotein NCP94; proto-oncogene c-Fer; feline encephalitis virus-related kinase FER; protein phosphatase 1, regulatory subunit 74; fujinami poultry sarcoma/Feline sarcoma-related protein Fer |
| UniProt Protein Name             | Tyrosine-protein kinase Fer                                                                                                                                                                                                                                  |
| UniProt Gene Name                | FER                                                                                                                                                                                                                                                          |
| UniProt Synonym Gene Names       | TYK3                                                                                                                                                                                                                                                         |
| UniProt Entry Name               | FER_HUMAN                                                                                                                                                                                                                                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.