

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

Anti-FER (Phospho-Y714) Antibody

|                               |                       |                                   |                                     |
|-------------------------------|-----------------------|-----------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA266457</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|-----------------------------------|-------------------------------------|

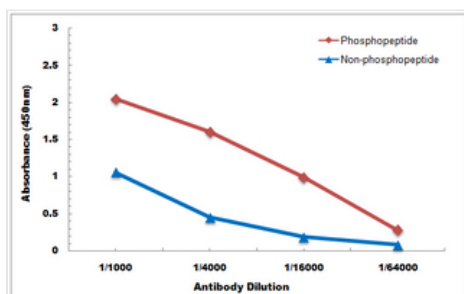
### PRODUCT SYNONYMS

FER; Polyclonal Antibody; Anti-FER (Phospho-Y714) Antibody; 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

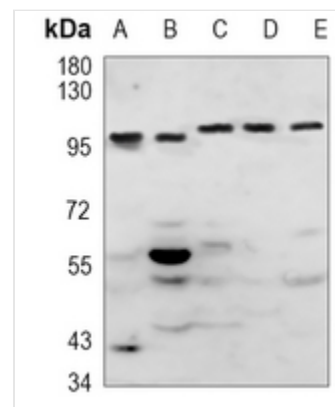
|                                               |                                                                                                                                     |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                              |
| Reactivity                                    | Human, Mouse                                                                                                                        |
| Clonality                                     | Polyclonal                                                                                                                          |
| Specificity                                   | Recognizes endogenous levels of FER protein only when phosphorylated at Y714                                                        |
| Purity/Purification                           | The antibody was purified by immunogen affinity chromatography.                                                                     |
| Form/Format                                   | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.                            |
| Applicable Applications for anti-FER antibody | WB (Western Blot)                                                                                                                   |
| Immunogen                                     | KLH-conjugated synthetic phosphopeptide corresponding to residues surrounding Y714 of human FER. The exact sequence is proprietary. |
| Preparation and Storage                       | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.                      |

### IMAGES



#### ELISA

Direct ELISA antibody dose-response curve using Anti-FER (Phospho-Y714) Antibody. Antigen (Phosphopeptide and non-phosphopeptide) concentration is 5 ug/ml. Goat Anti-Rabbit IgG (H&L) - HRP was used as the secondary antibody, and signal was developed by TMB substrate.



#### WB (Western Blot)

Western blot analysis of FER (Phospho-Y714) expression in LO2 (A), HepG2 (B), HCT116 (C), mouse heart (D), Hela (E) whole cell lysates. (Predicted band size: 94 kD; Observed band size: 100 kD)

### ADDITIONAL INFORMATION

|                                                   |                                                  |
|---------------------------------------------------|--------------------------------------------------|
| Related Product Information for anti-FER antibody | Rabbit polyclonal antibody to FER (Phospho-Y714) |
|---------------------------------------------------|--------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 119964721                                                                                                                                                                                                                                                    |
| NCBI GeneID                      | 2241                                                                                                                                                                                                                                                         |
| NCBI Accession #                 | NP_005237.2                                                                                                                                                                                                                                                  |
| NCBI GenBank Nucleotide #        | NM_005246.2                                                                                                                                                                                                                                                  |
| UniProt Accession #              | P16591; P70451                                                                                                                                                                                                                                               |
| 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                | <b>FER</b>                                                                                                                                                                                                                                                   |
| 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.