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## Fer Polyclonal Antibody

FER; Fujinami poultry sarcoma/Feline sarcoma-related protein Fer; Proto-oncogene c-Fer; Tyrosine kinase 3; p94-Fer  Observed Band  85kD  Cytoplasm. Cytoplasm, cytoskeleton. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Cell projection. Cell junction. Membrane; Peripheral membrane protein; Cytoplasmic side. Nucleus. Cytoplasm, cell cortex. Associate with the chromatin. Detected on microtubules in polarized and motile vascular endothelial cells. Colocalizes with F-actin at the cell cortex. Colocalizes with PECAM1 and CTNND1 at nascent cell-cell contacts.  Tissue Specificity  Isoform 1 is detected in normal colon and in fibroblasts (at protein level). Isoform is detected in normal testis, in colon carcinoma-derived metastases in lung, liver and ovary, and in colon carcinoma and hepato carcinoma cell lines (at protein level). Isoform 3 is not detected in normal colon or in normal fibroblasts (at protein level). Widely expressed.  Function  catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,function:Tyrosine kinase of the non-receptor type. Probably performs an important function, perhaps in regulatory processes such as cell cycle control.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase		
Reactivity	Catalog No	YP-Ab-14747
Applications  WB;ELISA  Gene Name  FER  Protein Name  Tyrosine-protein kinase Fer  Immunogen  The antiserum was produced against synthesized peptide derived from human FER. AA range:371-420  Specificity  Fer Polyclonal Antibody detects endogenous levels of Fer protein.  Formulation  Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.  Source  Polyclonal, Rabbit,IgG  Purification  The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution  Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.  Concentration  1 mg/ml  Purity  ≥90%  Storage Stability  -20°C/1 year  Synonyms  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  Observed Band  SkD  Cell Pathway  Cytoplasm. Cytoplasmic side. Cell projection. Cell junction. Membrane; Peripheral membrane protein; Cytoplasmic side. Nucleus, Cytoplasm, cell cortex, Associate with the chromatin. Detected on microtubules in polarized and motile vascular endothelial cells. Colocalizes with F-actin at the cell cortex. Colocalizes with PECAM1 and CTNND1 at nascent cell-cell contacts.  Tissue Specificity  Isoform 1 is detected in normal colon and in fibroblasts (at protein level). Isoform 3 is not detected in normal colon or in normal fibroblasts (at protein level). Isoform 3 is not detected in normal colon or in normal fibroblasts (at protein level). Isoform 3 is not detected in normal colon or in normal fibroblasts (at protein level). Isoform 3 is not detected in normal colon or in normal fibroblasts (at protein level). Isoform 3 is not detected in normal perion in colon acronoma cell level protein phosphate, function: Tyrosine kinase of the non-receptor type. Probably performs an important function, perhaps in regulatory processes such as cell cycle control, similarity. Belongs to the protein kinase superfamily. Typ	Isotype	lgG
Gene Name         FER           Protein Name         Tyrosine-protein kinase Fer           Immunogen         The antiserum was produced against synthesized peptide derived from human FER. AA range:371-420           Specificity         Fer Polyclonal Antibody detects endogenous levels of Fer protein.           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.           Source         Polyclonal, Rabbit, IgG           Purification         The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.           Dilution         Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         FER; TYK3; Tyrosine-protein kinase Fer; Feline encephalitis virus-related kinase FER; Fuljinami poultry sarcoma/Feline sarcoma-related protein Fer; Proto-oncogene c-Fer; Tyrosine kinase 3; p94-Fer           Observed Band         85kD           Cell Pathway         Cytoplasm. Cytoplasm, cytoskeleton. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Nucleus. Cytoplasm, cell cortex. Associate with the chromatin. Detected on microtubules in polarized and molile vascular endothelial cells. Colocalizes with Facilian the cell cortex. Colocalizes with PECAM1 and CTNND1 at nascent late the cell cortex. Colocalizes with PECAM1 and CTNND1 at nascent late the cell cortex. Colocalizes with P	Reactivity	Human;Mouse
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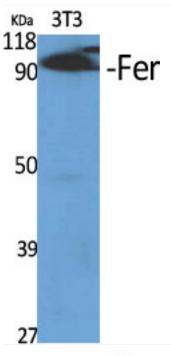
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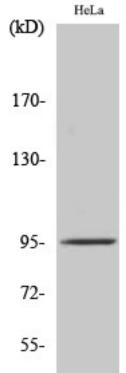


	protein kinase domain.,similarity:Contains 1 SH2 domain.,subcellular location:Associated with the chromatin.,tissue specificity:Expressed in a variety of lymphoid cell lines.,
Background	The protein encoded by this gene is a member of the FPS/FES family of non-transmembrane receptor tyrosine kinases. It regulates cell-cell adhesion and mediates signaling from the cell surface to the cytoskeleton via growth factor receptors. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome X. [provided by RefSeq, Apr 2015],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



Western Blot analysis of various cells using Fer Polyclonal Antibody diluted at 1:500



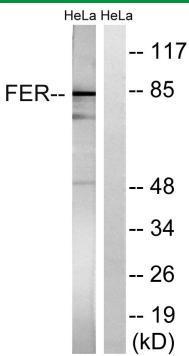
Western Blot analysis of HeLa cells using Fer Polyclonal Antibody diluted at 1:500



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Western blot analysis of lysates from HeLa cells treated with paclitaxel 1uM 24h, using FER Antibody. The lane on the right is blocked with the synthesized peptide.