
Product Name: Fer Rabbit Polyclonal Antibody**Catalog #: APRab10903**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,ELISA 1:20000-1:40000
Molecular Weight	85kDa

Antigen Information

Gene Name	FER FER; TYK3; Tyrosine-protein kinase Fer; Feline encephalitis virus-related kinase FER; Fujinami
Alternative Names	poultry sarcoma/Feline sarcoma-related protein Fer; Proto-oncogene c-Fer; Tyrosine kinase 3; p94-Fer
Gene ID	2241.0
SwissProt ID	P16591
Immunogen	The antiserum was produced against synthesized peptide derived from human FER. AA range:371-420

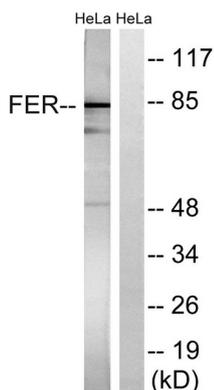
Background

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],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 family. Fes/fps subfamily.,similarity:Contains 1 FCH domain.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 SH2 domain.,subcellular location:Associated with the chromatin.,tissue specificity:Expressed in a variety of lymphoid cell lines.,

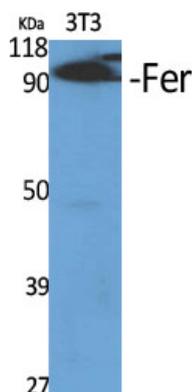
Research Area

Adherens_Junction;

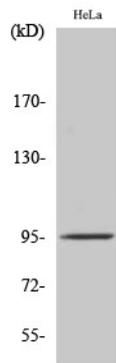
Image Data



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.



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