

Product Name: Fer (phospho Tyr402) Rabbit Polyclonal Antibody
Catalog #: APRab04668

Summary

Production Name	Fer (phospho Tyr402) Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Phospho Antibody
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	FER FER; TYK3; Tyrosine-protein kinase Fer; Feline encephalitis virus-related kinase FER;
Alternative Names	Fujinami poultry sarcoma/Feline sarcoma-related protein Fer; Proto-oncogene c-Fer; Tyrosine kinase 3; p94-Fer
Gene ID	2241.0
SwissProt ID	P16591.The antiserum was produced against synthesized peptide derived from human FER around the phosphorylation site of Tyr402. AA range:371-420

Application

Dilution Ratio	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:20000..
Molecular Weight	85kD

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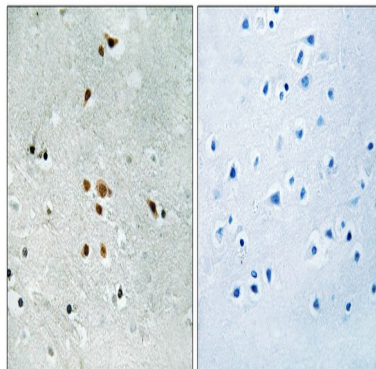
Background

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

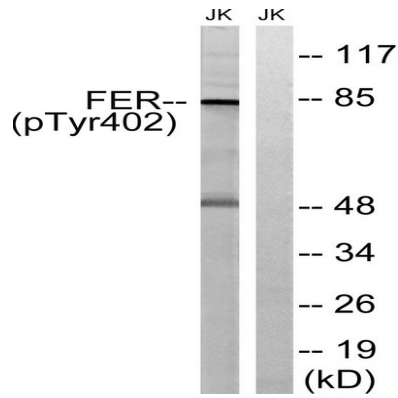
Adherens_Junction;

Image Data



Immunohistochemistry analysis of paraffin-embedded human brain, using FER (Phospho-Tyr402) Antibody. The picture on the right is blocked with the phospho peptide.

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Western blot analysis of lysates from Jurkat cells treated with starved 24h, using FER (Phospho-Tyr402) Antibody. The lane on the right is blocked with the phospho peptide.

Note

For research use only.