

Fer Polyclonal Antibody

Catalog No: YT1691

Reactivity: Human; Mouse

Applications: WB;ELISA

Target: FER

Fields: >>Adherens junction

Gene Name: FER

Protein Name: Tyrosine-protein kinase Fer

P16591

P70451

Human Gene Id: 2241

Human Swiss Prot

Idiliali Swiss Fiol

No:

Mouse Gene Id: 14158

Mouse Swiss Prot

No:

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

Dilution: WB 1:500 - 1:2000. ELISA: 1:40000. Not yet tested in other applications.

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

1/3



Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 85kD

Cell Pathway: Adherens_Junction;

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],

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 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.,

Subcellular Location:

Cytoplasm. Cytoplasm, cytoskeleton. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Cell projection. Cell junction. Membrane; Peripheral membrane protein; Cytoplasmic side. Nucleus. Cytoplasm, cell cortex. Associated 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.

Expression: Isoform 1 is detected in normal colon and in fibroblasts (at protein level). Isoform

3 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.

Tag: orthogonal

Sort : 5998

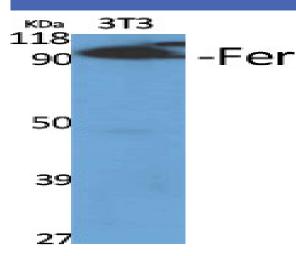
No4: 1

Host: Rabbit

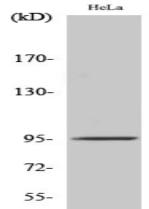
Modifications: Unmodified



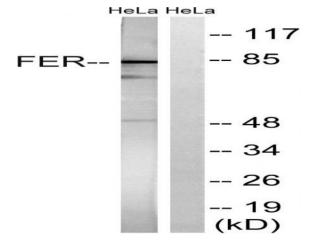
Products Images



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



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.