

## **FER Ab**

Cat.#: AF0843 Concn.: 1mg/ml Mol.Wt.: 85kDa Size: 100ul,200ul Source: Rabbit Clonality: Polyclonal

Application: WB 1:500-1:2000, IF/ICC 1:100-1:500

Reactivity: Human, Mouse

Purification: The antiserum was purified by peptide affinity

chromatography using SulfoLink™ Coupling Resin (Thermo

Fisher Scientific).

Specificity: FER Ab detects endogenous levels of FER.

Immunogen: A synthesized peptide derived from human FER.

Uniprot: P16591

Description: Fer protein is a member of the FPS/FES family of

nontransmembrane receptor tyrosine kinases. It regulates cell-cell adhesion and mediates signaling from the cell surface to the cytoskeleton via growth factor receptors.

Subcellular Location: Cytoplasm. Nucleus. Associated with the chromatin.

Tissue Specificity: 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.

Similarity: The coiled coil domains mediate homooligomerization and

are required for location at microtubules.The N-terminal region including the first coiled coil domain mediates

interaction with phosphoinositide-containing

membranes. Belongs to the protein kinase superfamily. Tyr

protein kinase family. Fes/fps subfamily.

Storage Condition and

Buffer:

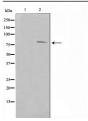
Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20

°C.Stable for 12 months from date of receipt.



## Affinity Biosciences

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Western blot analysis on Jurkat cell lysate using FER Ab, The lane on the left is treated with the antigen-specific peptide.



AF0843 staining Hela by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary Ab.

<code>IMPORTANT:</code> For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1% TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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