

PTK2

Reactivity:Human Mouse Rat

Tested applications:WB IHC

Recommended Dilution:WB 1:1000 - 1:2000 IHC 1:50 - 1:100

Calculated MW:119kDa

Observed MW:Refer to Figures

Immunogen:

A synthetic peptide of human PTK2

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

q

Synonym:

FADK; FAK; FAK1; pp125FAK;

Catalog #:A2114

Antibody Type:

Polyclonal Antibody

Species:Rabbit

Gene ID:5747

Isotype:IgG

Swiss Prot:Q05397

Purity:Affinity purification

For research use only.

Background:

Focal adhesion kinase (FAK) is a widely expressed cytoplasmic protein tyrosine kinase involved in integrin-mediated signal transduction. It plays an important role in the control of several biological processes, including cell spreading, migration, and survival (1). Activation of FAK by integrin clustering leads to autophosphorylation at Tyr397, which is a binding site for the Src family kinases PI3K and PLC (2-5). Recruitment of Src family kinases results in the phosphorylation of Tyr407, Tyr576, and Tyr577 in the catalytic domain, and Tyr871 and Tyr925 in the carboxy-terminal region of FAK (6,7).

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