

## 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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