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PTK2

Reactivity: Human Mouse Rat

Tested applications:WB IHC IF IP

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200 IP 1:20 - 1:50

Calculated MW:120kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant Protein 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:

FAK; FADK; FAK1; FRNK; PPP1R71; p125FAK; pp125FAK;

Catalog #:A0024

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID:5747

Isotype: IgG

Swiss Prot:Q05397

Purity: Affinity purification

For research use only.

Background:

This gene encodes a cytoplasmic protein tyrosine kinase which is found concentrated in the focal adhesions that form between cells growing in the presence of extracellular matrix constituents. The encoded protein is a member of the FAK subfamily of protein tyrosine kinases but lacks significant sequence similarity to kinases from other subfamilies. Activation of this gene may be an important early step in cell growth and intracellular signal transduction pathways triggered in response to certain neural peptides or to cell interactions with the extracellular matrix. Several transcript variants encoding different isoforms have been found for this gene, but the full-length natures of only three of them have been determined.

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