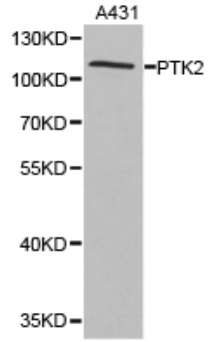
E92114

PTK2Polyclonal Antibody

Catalog Number: E92114
Amount: 100ul
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 PLCγ (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).
Species: Rabbit
Isotype: IgG
Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Synonyms: FADK; FAK; FAK1; pp125FAK;
Immunogen: A synthetic peptideof human PTK2
Purification: Affinity purification
Reactivity: H M R
Applications: WB IHC
Molecular Weight: 119kDa
Swiss-Prot No. : Q05397
Gene ID: 5747
References: 1. Parsons, J.T. et al. (2000) Oncogene 19, 5606-5613. 2. Schaller, M.D. et al. (1994) Mol. Cell. Biol. 14, 1680-1688. 3. Cobb, B.S. et al. (1994) Mol. Cell. Biol. 14, 147-155. 4. Chen, H.C. et al. (1996) J. Biol. Chem. 271, 26329-26334. 5. Zhang, X. et al. (1999) Proc. Natl. Acad. Sci. USA 96, 9021-9026. 6. Calalb, M.B. et al. (1995) Mol. Cell. Biol. 15, 954-963. 7. Schlaepfer, D.D. et al. (1994) Nature 372, 786-791.

WB 1:500 - 1:2000

IHC 1:50- 1:200



Western blot analysis of extracts of A431cell lines, using PTK2 antibody.

For Research Use Only