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## 35-1201: Polyclonal Antibody to FAK (Phospho-Tyr397)

Clonality: Polyclonal

Application: WB

Reactivity: Human, Mouse, Rat

 Gene :
 PTK2

 Gene ID :
 5747

 Uniprot ID :
 Q05397

 Format :
 Purified

Alternative Name: FAK, FAK1, PTK2

**Isotype:** Rabbit IgG

Immunogen Information : Peptide sequence around phosphorylation site of tyrosine 397(D-D-Y(p)-A-E)derived from Human

FAK.

## **Description**

Non-receptor protein-tyrosine kinase implicated in signaling pathways involved in cell motility, proliferation and apoptosis. Activated by tyrosine-phosphorylation in response to either integrin clustering induced by cell adhesion or antibody cross-linking, or via G-protein coupled receptor (GPCR) occupancy by ligands such as bombesin or lysophosphatidic acid, or via LDL receptor occupancy. Microtubule-induced dephosphorylation at Tyr-397 is crucial for the induction of focal adhesion disassembly. Plays a potential role in oncogenic transformations resulting in increased kinase activity.

## **Product Info**

**Amount**: 50 μl / 100 μl

Content: Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM

NaCl, 0.02% sodium azide and 50% glycerol.

Storage condition:

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Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid

repeated freeze and thaw cycles.

## **Application Note**

Predicted MW: 125kd, Western blotting: 1:500~1:1000

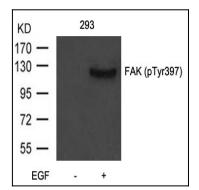


Figure 1: Western blot analysis of extract from 293 cells untreated or treated with EGF using FAK(Phospho-Tyr397) Antibody using 35-1201