

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

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB
<b>Reactivity :</b>	Human,Mouse,Rat
<b>Gene :</b>	PTK2
<b>Gene ID :</b>	5747
<b>Uniprot ID :</b>	Q05397
<b>Format :</b>	Purified
<b>Alternative Name :</b>	FAK, FAK1, PTK2
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	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

<b>Amount :</b>	50 µl / 100 µl
<b>Content :</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage condition :</b>	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

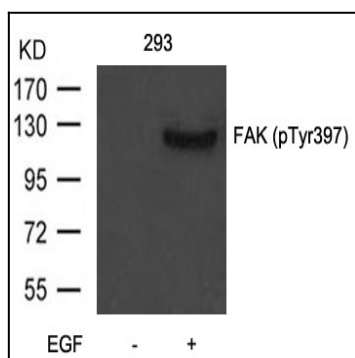


Figure 1: Western blot analysis of extract from 293 cells untreated or treated with EGF using FAK(Phospho-Tyr397) Antibody using 35-1201