

## Phospho-FAK (Tyr397) Polyclonal Antibody

catalog number: **E-AB-21207**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

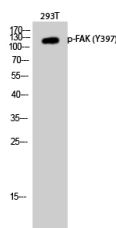
<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Synthesized peptide derived from human FAK around the phosphorylation site of Tyr397
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol.

### Applications

### Recommended Dilution

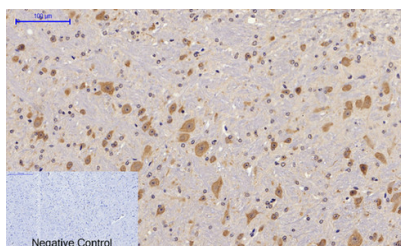
<b>WB</b>	1:500-1:2000
<b>IHC</b>	1:100-1:300

### Data



Western Blot analysis of 293T cells with Phospho-FAK (Tyr397) Polyclonal Antibody at dilution of 1:1000

**Observed-MV:119 kDa**  
**Calculated-MV:119 kDa**



Immunohistochemistry of paraffin-embedded Human stomach cancer tissue with Phospho-FAK (Tyr397) Polyclonal Antibody at dilution of 1:200

Immunohistochemistry of paraffin-embedded Mouse brain tissue with Phospho-FAK (Tyr397) Polyclonal Antibody at dilution of 1:200

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### Background

### For Research Use Only

Toll-free: 1-888-852-8623  
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Rev. V1.7

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.

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